INTRODUCTION

Thank you for purchasing a Honda engine. We want to help you to get the best results from your new engine and to operate it safely. This manual contains information on how to do that; please read it carefully before operating the engine. If a problem should arise, or if you have any questions about your engine, consult an authorized Honda servicing dealer.

All information in this publication is based on the latest product information available at the time of printing. Honda Motor Co., Ltd. reserves the right to make changes at any time without notice and without incurring any obligation. No part of this publication may be reproduced without written permission.

This manual should be considered a permanent part of the engine and should remain with the engine if resold.

Review the instructions provided with the equipment powered by this engine for any additional information regarding engine startup, shutdown, operation, adjustments or any special maintenance instructions.

United States, Puerto Rico, and U.S. Virgin Islands: We suggest you read the warranty policy to fully understand its coverage and your responsibilities of ownership. The warranty policy is a separate document that should have been given to you by your dealer.

SAFETY MESSAGES

Your safety and the safety of others are very important. We have provided important safety messages in this manual and on the engine. Please read these messages carefully.

A safety message alerts you to potential hazards that could hurt you or others. Each safety message is preceded by a safety alert symbol **A** and one of three words, DANGER, WARNING, or CAUTION.

These signal words mean:

A DANGER

You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.

A WARNING

You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.

A CAUTION

You CAN be HURT if you don't follow instructions.

Each message tells you what the hazard is, what can happen, and what you can do to avoid or reduce injury.

DAMAGE PREVENTION MESSAGES

You will also see other important messages that are preceded by the word NOTICE.

This word means:

NOTICE

Your engine or other property can be damaged if you don't follow instructions.

The purpose of these messages is to help prevent damage to your engine, other property, or the environment.

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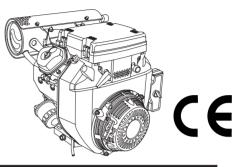
GX610R1·GX620R1·GX670R·GX610U1·GX620U1·GX670U

37Z6C603 00X37-Z6C-6030

HONDA

OWNER'S MANUAL MANUEL DE L'UTILISATEUR MANUAL DEL PROPIETARIO

GX610 - GX620 - GX670



A WARNING:

roduct

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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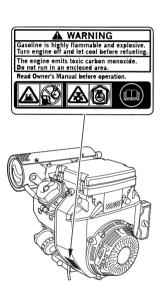
SAFETY INFORMATION

- Understand the operation of all controls and learn how to stop the engine quickly in case of emergency. Make sure the operator receives adequate instruction before operating the equipment.
- Do not allow children to operate the engine. Keep children and pets away from the area of operation.
- Your engine's exhaust contains poisonous carbon monoxide.
 Do not run the engine without adequate ventilation, and never run the engine indoors.
- The engine and exhaust become very hot during operation. Keep the engine at least 1 meter (3 feet) away from buildings and other equipment during operation. Keep flammable materials away, and do not place anything on the engine while it is running.

SAFETY LABEL LOCATION

This label warns you of potential hazards that can cause serious injury. Read it carefully.

If the label comes off or becomes hard to read, contact your Honda dealer for replacement.





For Canada: French label is packaged with the engine.



Gasoline is highly flammable and explosive. Turn engine off and let cool before refueling.

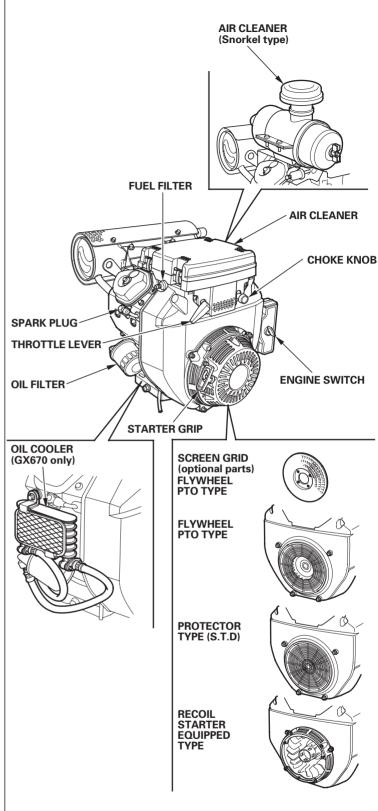


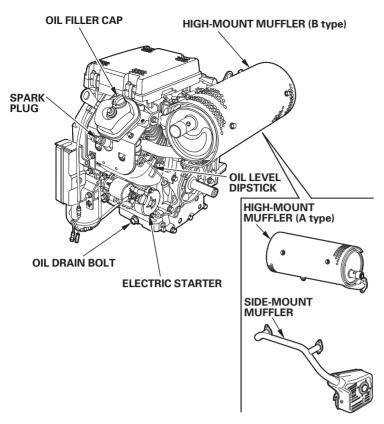
The engine emits toxic poisonous carbon monoxide gas. Do not run in an enclosed area.



Read Owner's Manual before operation.

COMPONENT & CONTROL LOCATION





FEATURES

Oil Alert® System (applicable types)

"Oil Alert is a registered trademark in the United States"

The Oil Alert system is designed to prevent engine damage caused by an insufficient amount of oil in the crankcase. Before the oil level in the crankcase can fall below a safe limit, the Oil Alert system will automatically stop the engine (the engine switch will remain in the ON position).

If the engine stops and will not restart, check the engine oil level (see page 7) before troubleshooting in other areas.

Fuel-cut Solenoid

The engine is equipped with a fuel-cut solenoid that allows fuel to flow to the carburetor main jet when the engine switch is in the ON or START position and stops the flow of fuel to the main jet when the engine switch is in the OFF position.

The engine must be connected to the battery to energize the fuelcut solenoid, allowing the engine to run. If the battery is disconnected, fuel flow to the carburetor main jet will stop.

Oil Cooler (GX670)

The GX670 engine is equipped with an oil cooler to maintain the correct temperature.

BEFORE OPERATION CHECKS

IS YOUR ENGINE READY TO GO?

For your safety, and to maximize the service life of your equipment, it is very important to take a few moments before you operate the engine to check its condition. Be sure to take care of any problem you find, or have your servicing dealer correct it, before you operate the engine.

A WARNING

Improperly maintaining this engine, or failure to correct a problem before operation, can cause a malfunction in which you can be seriously hurt or killed.

Always perform a pre-operation inspection before each operation, and correct any problem.

Before beginning your pre-operation checks, be sure the engine is level and the engine switch is in the OFF position.

Always check the following items before you start the engine:

Check the General Condition of the Engine

- Look around and underneath the engine for signs of oil or gasoline leaks.
- Remove any excessive dirt or debris, especially around the muffler and recoil starter.
- 3. Look for signs of damage.
- Check that all shields and covers are in place, and all nuts, bolts, and screws are tightened.

Check the Engine

- 1. Check the fuel level. Starting with a full tank will help to eliminate or reduce operating interruptions for refueling.
- 2. Check the engine oil level (see page 7). Running the engine with a low oil level can cause engine damage.

The Oil Alert system (applicable types) will automatically stop the engine before the oil level falls below safe limits. However, to avoid the inconvenience of an unexpected shutdown, always check the engine oil level before startup.

- 3. Check the air filter element (see page 9). A dirty air filter element will restrict air flow to the carburetor, reducing engine performance.
- 4. Check the equipment powered by this engine.

Review the instructions provided with the equipment powered by this engine for any precautions and procedures that should be followed before engine startup.

OPERATION

SAFE OPERATING PRECAUTIONS

Before operating the engine for the first time, please review the SAFETY INFORMATION section on page 2 and the BEFORE OPERATION CHECKS on page 3.

For your safety, do not operate the engine in an enclosed area such as a garage. Your engine's exhaust contains poisonous carbon monoxide gas that can collect rapidly in an enclosed area and cause illness or death.

A WARNING

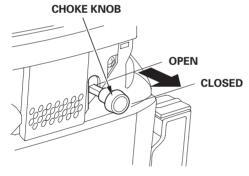
Exhaust contains poisonous carbon monoxide gas that can build up to dangerous levels in closed areas. Breathing carbon monoxide can cause unconsciousness or death.

Never run the engine in a closed, or even partly closed area where people may be present.

Review the instructions provided with the equipment powered by this engine for any safety precautions that should be observed with engine startup, shutdown or operation.

STARTING THE ENGINE

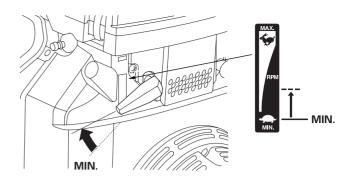
- 1. If the fuel tank is equipped with a valve, be sure the fuel valve is in the OPEN or ON position before attempting to start the engine.
- To start a cold engine, pull the choke knob out to the CLOSED position.



To restart a warm engine, leave the choke knob in the OPEN position.

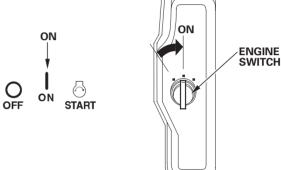
Some engine applications use a remote-mounted choke control rather than the engine-mounted choke knob shown here. Refer to the instructions provided by the equipment manufacturer.

3. Move the throttle lever away from the MIN. position, about 1/3 of the way toward the MAX. position.



Some engine applications use a remote-mounted throttle control rather than the engine-mounted throttle lever shown here. Refer to the instructions provided by the equipment manufacturer.

4. Turn the engine switch to the ON position.



5. Operate the starter.

ELECTRIC STARTER:

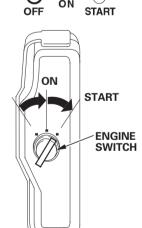
Turn the key to the START position, and hold it there until the engine starts.

If the engine fails to start within 5 seconds, release the key, and wait at least 10 seconds before operating the starter again.

NOTICE

Using the electric starter for more than 5 seconds at a time will overheat the starter motor and can damage it.

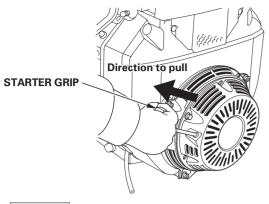
When the engine starts, release the key, allowing it to return to the ON position.



START

RECOIL STARTER (applicable types):

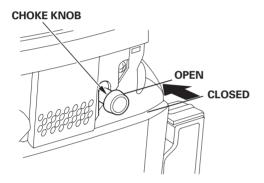
Pull the starter grip lightly until you feel resistance, then pull briskly in the direction of the arrow as shown below. Return the starter grip gently.



NOTICE

Do not allow the starter grip to snap back against the engine. Return it gently to prevent damage to the starter.

6. If the choke knob has been pulled to the CLOSED position to start the engine, gradually push it to the OPEN position as the engine warms up.



STOPPING THE ENGINE

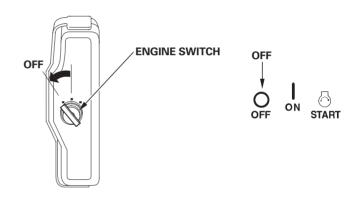
To stop the engine in an emergency, simply turn the engine switch to the OFF position. Under normal conditions, use the following procedure. Refer to the instructions provided by the equipment manufacturer.

1. Move the throttle lever to the MIN. position.

Some engine applications use a remote-mounted throttle control rather than the engine-mounted throttle lever shown here.



2. Turn the engine switch to the OFF position.



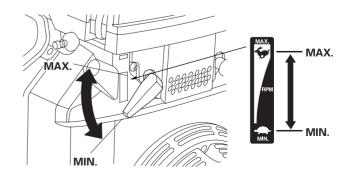
3. If the fuel tank is equipped with a valve, turn the fuel valve to the CLOSED or OFF position.

SETTING ENGINE SPEED

Position the throttle lever for the desired engine speed.

Some engine applications use a remote-mounted throttle control rather than the engine-mounted throttle lever shown here. Refer to the instructions provided by the equipment manufacturer.

For engine speed recommendations, refer to the instructions provided with the equipment powered by this engine.



SERVICING YOUR ENGINE

THE IMPORTANCE OF MAINTENANCE

Good maintenance is essential for safe, economical and troublefree operation. It will also help reduce pollution.

A WARNING

Improper maintenance, or failure to correct a problem before operation, can cause a malfunction in which you can be seriously hurt or killed.

Always follow the inspection and maintenance recommendations and schedules in this owner's manual.

To help you properly care for your engine, the following pages include a maintenance schedule, routine inspection procedures, and simple maintenance procedures using basic hand tools. Other service tasks that are more difficult, or require special tools, are best handled by professionals and are normally performed by a Honda technician or other qualified mechanic.

The maintenance schedule applies to normal operating conditions. If you operate your engine under severe conditions, such as sustained high-load or high-temperature operation, or use in unusually wet or dusty conditions, consult your servicing dealer for recommendations applicable to your individual needs and use.

Maintenance, replacement, or repair of the emission control devices and systems may be performed by any engine repair establishment or individual, using parts that are "certified" to EPA standards.

MAINTENANCE SAFETY

Some of the most important safety precautions follow. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

A WARNING

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

Always follow the procedures and precautions in this owner's manual.

SAFETY PRECAUTIONS

- Make sure the engine is off before you begin any maintenance or repairs. This will eliminate several potential hazards:
 - Carbon monoxide poisoning from engine exhaust.
 Be sure there is adequate ventilation whenever you operate the engine.
 - -Burns from hot parts.
 - Let the engine and exhaust system cool before touching.
 - -Injury from moving parts.
 - Do not run the engine unless instructed to do so.
- Read the instructions before you begin, and make sure you have the tools and skills required.
- To reduce the possibility of fire or explosion, be careful when working around gasoline. Use only a non-flammable solvent, not gasoline, to clean parts. Keep cigarettes, sparks and flames away from all fuel related parts.

Remember that an authorized Honda servicing dealer knows your engine best and is fully equipped to maintain and repair it.

To ensure the best quality and reliability, use only new Honda Genuine parts or their equivalents for repair and replacement.

MAINTENANCE SCHEDULE

REGULAR SERVICE PERIOD (3)		Each	First	Every 3	Every 6	Every	Refer
Perform at every		Use	Month	Months	Months	Year	to
indicated month or			or	or	or	or	Page
operating hour	interval,		20 Hrs	50 Hrs	100 Hrs	300 Hrs	
whichever com	nes first.						
ITEM							
Engine oil	Check level	0					7
	Change		0		0		8
Engine oil filter	Replace					Every	8
						200 Hrs	
Air cleaner	Check	0					9
	Clean			o (1)			9
	Replace					0*	
Spark plug	Check-adjust				0		10
	Replace					0	
Spark arrester	Clean				0		11
(applicable types)							
Idle speed	Check-adjust					0 (2)	* *
Valve clearance	Check-adjust					O (2)	**
Combustion Clean			After e	very 500	Hrs. (2)		**
chamber							
Fuel filter	Check				0		10
	Replace					0 (2)	* *
Fuel tank	Clean	Every year (2)				* *	
Fuel tube Check		Every 2	2 years (I	Replace i	f necess	ary) (2)	* *
-							

- * Replace the paper air filter element only.
- * * Refer to the Shop Manual.
- (1) Service more frequently when used in dusty areas.
- (2) These items should be serviced by your Honda servicing dealer, unless you have the proper tools and are mechanically proficient. Refer to the Honda shop manual for service procedures.
- (3) For commercial use, log hours of operation to determine proper maintenance intervals.

Failure to follow this maintenance schedule could result in nonwarrantable failures.

REFUELING

Recommended Fuel

Unle	eaded gasoline	
U.S.		Pump octane rating 86 or higher
Except U.S.		Research octane rating 91 or higher
		Pump octane rating 86 or higher

This engine is certified to operate on unleaded gasoline with a pump octane rating of 86 or higher (a research octane rating of 91 or higher).

Refuel in a well-ventilated area with the engine stopped. If the engine has been running, allow it to cool first. Never refuel the engine inside a building where gasoline fumes may reach flames or sparks.

You may use unleaded gasoline containing no more than 10% ethanol (E10) or 5% methanol by volume. In addition, methanol must contain cosolvents and corrosion inhibitors. Use of fuels with content of ethanol or methanol greater than shown above may cause starting and/or performance problems. It may also damage metal, rubber, and plastic parts of the fuel system. Engine damage or performance problems that result from using a fuel with percentages of ethanol or methanol greater than shown above are not covered under warranty.

If your equipment will be used on an infrequent or intermittent basis, please refer to the fuel section of the HELPFUL TIPS & SUGGESTIONS chapter (see page 11) for additional information regarding fuel deterioration.

A WARNING

Gasoline is highly flammable and explosive, and you can be burned or seriously injured when refueling.

- Stop engine and keep heat, sparks, and flame away.
- Refuel only outdoors.
- Wipe up spills immediately.

NOTICE

Fuel can damage paint and some types of plastic. Be careful not to spill fuel when filling your fuel tank. Damage caused by spilled fuel is not covered under the Distributor's Limited Warranty.

Never use stale or contaminated gasoline or an oil/gasoline mixture. Avoid getting dirt or water in the fuel tank.

With the engine stopped and on a level surface, remove the fuel filler cap and check the fuel level. Refill the tank if the fuel level is low.

Refer to the instructions provided with the equipment powered by this engine for refuelling.

Refuel in a well-ventilated area before starting the engine. If the engine has been running, allow it to cool. Refuel carefully to avoid spilling fuel. It may be necessary to lower the fuel level depending on operating conditions. After refueling, tighten the fuel tank cap securely.

Keep gasoline away from appliance pilot lights, barbecues, electric appliances, power tools, etc.

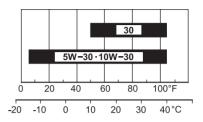
Spilled fuel is not only a fire hazard, it causes environmental damage. Wipe up spills immediately.

ENGINE OIL

Oil is a major factor affecting performance and service life. Use 4-stroke automotive detergent oil.

Recommended Oil

Use 4-stroke motor oil that meets or exceeds the requirements for API service category SJ or later (or equivalent). Always check the API service label on the oil container to be sure it includes the letters SJ or later (or equivalent).



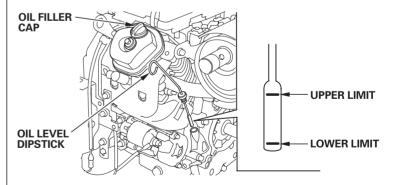
AMBIENT TEMPERATURE

SAE 10W-30 is recommended for general use. Other viscosities shown in the chart may be used when the average temperature in your area is within the indicated range.

Oil Level Check

Check the engine oil level with the engine stopped and in a level position.

- 1. GX670 ONLY: Start the engine and let it idle for 1 or 2 minutes. Stop the engine and wait for 2 or 3 minutes.
- 2. Remove the oil level dipstick and wipe it clean.
- 3. Fully insert the oil level dipstick, then remove it to check the oil level.
- 4. If the oil level is low, remove the oil filler cap, and fill with the recommended oil to the upper limit mark on the oil level dipstick.
- 5. Reinstall the oil level dipstick and oil filler cap.



NOTICE

Running the engine with a low oil level can cause engine damage. This type of damage is not covered by the Distributor's Limited Warranty.

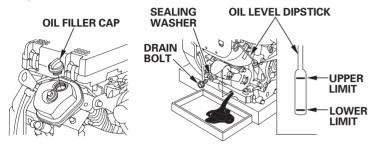
The Oil Alert system (applicable types) will automatically stop the engine before the oil level falls below the safe limit. However, to avoid the inconvenience of an unexpected shutdown, always check the engine oil level before startup.

Oil Change

Drain the used oil when the engine is warm. Warm oil drains quickly and completely.

- 1. Place a suitable container below the engine to catch the used oil, then remove the oil filler cap, drain bolt and washer.
- 2. Allow the used oil to drain completely, then reinstall the drain bolt and new washer, and tighten the drain bolt securely.

Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take used oil in a sealed container to your local recycling center or service station for reclamation. Do not throw it in the trash, pour it on the ground, or pour it down a drain.



3. With the engine in a level position, fill with the recommended oil to the upper limit mark on the oil level dipstick.

NOTICE

Running the engine with a low oil level can cause engine damage. This type of damage is not covered by the Distributor's Limited Warranty.

The Oil Alert system (applicable types) will automatically stop the engine before the oil level falls below the safe limit. However, to avoid the inconvenience of an unexpected shutdown, fill to the upper limit, and check the oil level regularly.

4. Reinstall the oil filler cap and oil level dipstick securely.

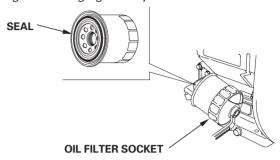
OIL FILTER

Change

- 1. Drain the engine oil, and retighten the drain bolt securely.
- Remove the oil filter, and drain the oil into a suitable container. Dispose the used oil and filter in a manner compatible with the environment.

NOTICE

Use an oil filter socket, rather than a strap wrench, to avoid striking and damaging the oil pressure switch.



3. Clean the filter mounting base, and coat the seal of the new oil filter with clean engine oil.

NOTICE

Use only a Honda Genuine oil filter or a filter of equivalent quality specified for your model. Using the wrong filter, or a non-Honda filter which is not of equivalent quality, may cause engine damage.

4. Screw on the new oil filter by hand until the seal contacts the filter mounting base, then use an oil filter socket tool to tighten the filter an additional 7/8 turn.

Oil filter tightening torque: 22 N·m (2.2 kgf·m, 16 lbf·ft)

- 5. Refill the crankcase with the specified amount of the recommended oil (see page 7). Reinstall the oil filler cap and oil level dipstick.
- 6. Start the engine, and check for leaks.
- 7. Stop the engine, and check the oil level as described on page 7. If necessary, add oil to bring the oil level to the upper limit mark on the oil level dipstick.

AIR CLEANER

A dirty air cleaner will restrict air flow to the carburetor, reducing engine performance. If you operate the engine in very dusty areas, clean the air filter more often than specified in the MAINTENANCE SCHEDULE.

NOTICE

Operating the engine without an air filter, or with a damaged air filter, will allow dirt to enter the engine, causing rapid engine wear. This type of damage is not covered by the Distributor's Limited Warranty.

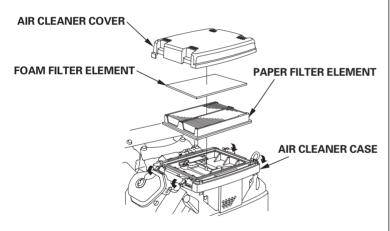
Inspection

Remove the air cleaner cover and inspect the filter elements. Clean or replace dirty filter elements. Always replace damaged filter elements.

Cleaning

Standard Type:

- 1. Release four latch tabs from the air cleaner cover, and remove the cover.
- 2. Remove the foam filter from the cover.
- 3. Remove the paper filter from the air cleaner case.



- 4. Inspect both air filter elements, and replace them if they are damaged. Always replace the paper air filter element at the scheduled interval (see page 6).
- 5. Clean the air filter elements if they are to be reused.

Paper air filter element: Tap the filter element several times on a hard surface to remove dirt, or blow compressed air [not exceeding 207 kPa (2.1 kgf/cm², 30 psi)] through the filter element from the air cleaner case side.

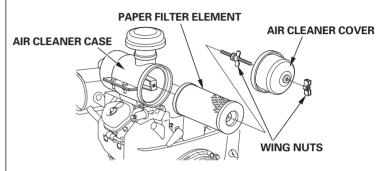
Never try to brush off dirt; brushing will force dirt into the fibers. Replace the paper element if it is excessively dirty.

Foam air filter element: Clean in warm soapy water, rinse, and allow to dry thoroughly. Or clean in non-flammable solvent and allow to dry. Do not put oil on the foam element.

- 6. Wipe dirt from the inside of the air cleaner body and cover, using a moist rag. Be careful to prevent dirt from entering the air chamber that leads to the carburetor.
- 7. Place the foam air filter element in the air cleaner cover, then reinstall the paper air filter element and cover to the air cleaner case. Hook the four latch tabs securely.

Snorkel Type:

- 1. Remove the wing nut from the air cleaner cover, and remove the cover.
- 2. Remove the wing nut from the paper filter element.
- 3. Remove the paper filter element from the air cleaner case.



- 4. Inspect the paper air filter element, and replace it if it is damaged. Always replace the paper air filter element at the scheduled interval (see page 6).
- 5. Clean the paper air filter element if it is to be reused.

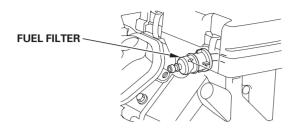
Tap the filter element several times on a hard surface to remove dirt, or blow compressed air [not exceeding 207 kPa (2.1 kg/cm², 30 psi)] through the filter element from the inside. Never try to brush off dirt; brushing will force dirt into the fibers.

- 6. Wipe dirt from the inside of the air cleaner case and cover, using a moist rag. Be careful to prevent dirt from entering the air duct that leads to the carburetor.
- Reinstall the paper air filter element. Tighten the air filter wing nut securely.
- 8. Reinstall the air cleaner cover, and tighten the cover wing nut securely.

FUEL FILTER

Inspection

1. Check the fuel filter for water accumulation or sediment.



2. If the fuel filter is found with excessive water accumulation or sediment, take the engine to your authorized Honda servicing dealer.

SPARK PLUG

Recommended Spark Plugs: ZGR5A (NGK) J16CR-U (DENSO)

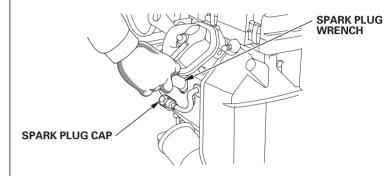
The recommended spark plugs have the correct heat range for normal engine operating temperatures.

NOTICE

Incorrect spark plugs can cause engine damage.

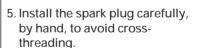
For good performance, the spark plugs must be properly gapped and free of deposits.

- 1. Disconnect the spark plug caps, and remove any dirt from around the spark plug area.
- 2. Remove the spark plugs with a 13/16-inch spark plug wrench.



- 3. Inspect the spark plugs. Replace them if damaged, badly fouled, if the sealing washer is in poor condition, or if the electrode is worn.
- 4. Measure the spark plug electrode gaps with a wire-type feeler gauge. Correct the gap, if necessary, by carefully bending the side electrode. The gap should be:

o.7 – 0.8 mm (0.028 – 0.031 in)





6. After the spark plug is seated, tighten with a 13/16-inch spark plug wrench to compress the sealing washer.

When installing a new spark plug, tighten 1/2 turn after the spark plug seats to compress the washer.

When reinstalling the original spark plug, tighten 1/8-1/4 turn after the spark plug seats to compress the washer.

NOTICE

A loose spark plug can overheat and damage the engine. Overtightening the spark plug can damage the threads in the cylinder head.

7. Attach the spark plug caps to the spark plugs.

SPARK ARRESTER (applicable types)

Your engine is not factory-equipped with a spark arrester. The spark arrester is optional part. In some areas, it is illegal to operate an engine without a spark arrester. Check local laws and regulations. A spark arrester is available from authorized Honda servicing dealers.

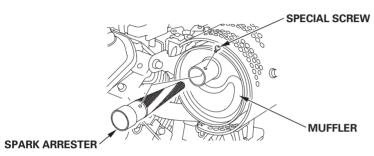
The spark arrester must be serviced every 100 hours to keep it functioning as designed.

If the engine has been running, the muffler will be hot. Allow it to cool before servicing the spark arrester.

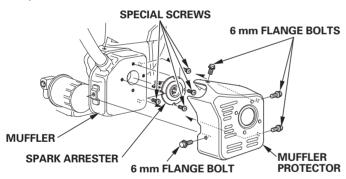
Spark Arrester Cleaning & Inspection

1. Remove the spark arrester:

HIGH-MOUNT MUFFLER TYPE: Remove the special screw from the muffler and remove the spark arrester.



SIDE-MOUNT MUFFLER TYPE: Remove the 6 mm flange bolts from the muffler protector and remove the muffler protector. Remove the special screws from the spark arrester and remove the spark arrester from the muffler.



2. Use a brush to remove carbon deposits from the spark arrester screen. Be careful to avoid damaging the screen.

The spark arrester must be free of breaks and holes. Replace the spark arrester if it is damaged.

HIGH-MOUNT MUFFLER TYPE SIDE-MOUNT MUFFLER TYPE

3. Install the spark arrester and muffler protector in the reverse

order of disassembly.

SPARK ARRESTER SCREEN

HELPFUL TIPS & SUGGESTIONS

STORING YOUR ENGINE

Storage Preparation

Proper storage preparation is essential for keeping your engine trouble-free and looking good. The following steps will help to keep rust and corrosion from impairing your engine's function and appearance, and will make the engine easier to start when you use it again.

Cleaning

If the engine has been running, allow it to cool for at least half an hour before cleaning. Clean all exterior surfaces, touch up any damaged paint, and coat other areas that may rust with a light film of oil.

NOTICE

Using a garden hose or pressure washing equipment can force water into the air cleaner or muffler opening. Water in the air cleaner will soak the air filter, and water that passes through the air filter or muffler can enter the cylinder, causing damage.

Fuel

NOTICE

Depending on the region where you operate your equipment, fuel formulations may deteriorate and oxidize rapidly. Fuel deterioration and oxidation can occur in as little as 30 days and may cause damage to the carburetor and/or fuel system. Please check with your servicing dealer for local storage recommendations.

Gasoline will oxidize and deteriorate in storage. Deteriorated gasoline will cause hard starting, and it leaves gum deposits that clog the fuel system. If the gasoline in your engine deteriorates during storage, you may need to have the carburetor and other fuel system components serviced or replaced.

The length of time that gasoline can be left in your fuel tank and carburetor without causing functional problems will vary with such factors as gasoline blend, your storage temperatures, and whether the fuel tank is partially or completely filled. The air in a partially filled fuel tank promotes fuel deterioration. Very warm storage temperatures accelerate fuel deterioration. Fuel deterioration problems may occur within a few months, or even less if the gasoline was not fresh when you filled the fuel tank.

Fuel system damage or engine performance problems resulting from neglected storage preparation are not covered under the *Distributor's Limited Warranty*.

You can extend fuel storage life by adding a gasoline stabilizer that is formulated for that purpose, or you can avoid fuel deterioration problems by draining the fuel tank and carburetor.

Adding a Gasoline Stabilizer to Extend Fuel Storage Life

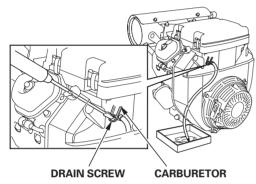
When adding a gasoline stabilizer, fill the fuel tank with fresh gasoline. If only partially filled, air in the tank will promote fuel deterioration during storage. If you keep a container of gasoline for refueling, be sure that it contains only fresh gasoline.

- 1. Add gasoline stabilizer following the manufacturer's instructions.
- After adding a gasoline stabilizer, run the engine outdoors for 10 minutes to be sure that treated gasoline has replaced the untreated gasoline in the carburetor.
- Stop the engine, and if the fuel tank is equipped with a fuel valve, move the fuel valve to the CLOSED or OFF position.

A WARNING

Gasoline is highly flammable and explosive, and you can be burned or seriously injured when handling fuel.

- Stop engine and keep heat, sparks, and flame away.
- Refuel only outdoors.
- Wipe up spills immediately.
- Disconnect the fuel line to the engine, and drain the fuel tank into an approved gasoline container. If the fuel tank is equipped with a valve, turn the fuel valve to the OPEN or ON position to enable draining. After draining is completed, reconnect the fuel line.
- Loosen the carburetor drain screw, and drain the carburetor into an approved gasoline container. After draining is completed, tighten the carburetor drain screw.



Engine Oil

- 1. Change the engine oil (see page 8).
- 2. Remove the spark plugs (see page 10).
- 3. Pour a teaspoon $5-10 \text{ cm}^3$ (5-10 cc) of clean engine oil into each cylinder.
- 4. Turn the engine for a few seconds by turning the engine switch to the START position to distribute the oil in the cylinders.
- 5. Reinstall the spark plugs.

Storage Precautions

If your engine will be stored with gasoline in the fuel tank and carburetor, it is important to reduce the hazard of gasoline vapor ignition. Select a well-ventilated storage area away from any appliance that operates with a flame, such as a furnace, water heater, or clothes dryer. Also avoid any area with a spark-producing electric motor, or where power tools are operated.

If possible, avoid storage areas with high humidity, because that promotes rust and corrosion.

Keep the engine level in storage. Tilting can cause fuel or oil leakage.

Unless all fuel has been drained from the fuel tank, leave the fuel valve in the CLOSED or OFF position to reduce the possibility of fuel leakage.

With the engine and exhaust system cool, cover the engine to keep out dust. A hot engine and exhaust system can ignite or melt some materials. Do not use sheet plastic as a dust cover. A nonporous cover will trap moisture around the engine, promoting rust and corrosion.

If installed, remove the battery and store it in a cool, dry place. Recharge the battery once a month while the engine is in storage. This will help to extend the service life of the battery.

Removal from Storage

Check your engine as described in the *BEFORE OPERATION CHECKS* section of this manual (see page 3).

If the fuel was drained during storage preparation, fill the tank with fresh gasoline. If you keep a container of gasoline for refueling, be sure it contains only fresh gasoline. Gasoline oxidizes and deteriorates over time, causing hard starting.

If the cylinders were coated with oil during storage preparation, the engine may smoke briefly at startup. This is normal.

TRANSPORTING

If the engine has been running, allow it to cool for at least 15 minutes before loading the engine-powered equipment on the transport vehicle. A hot engine and exhaust system can burn you and can ignite some materials.

Keep the engine level when transporting to reduce the possibility of fuel leakage. If the fuel tank is equipped with a fuel valve, move the fuel valve lever to OFF.

TAKING CARE OF UNEXPECTED PROBLEMS

ENGINE WILL NOT START	Possible Cause	Correction
1. Electric starting: Check battery	Battery discharged.	Recharge battery.
and fuse.	Fuse burnt out.	Replace fuse.
2. Check control positions.	Fuel valve CLOSED or OFF. (If equipped) Choke OPEN.	Move lever to OPEN or ON position. Move knob to CLOSED position unless the engine is warm.
	Engine switch OFF.	Turn engine switch to ON position.
3. Check engine oil level.	Engine oil level low (Oil Alert stops engine).	Fill with the recommended oil to the proper level (p. 7).
4. Check fuel.	Out of fuel. Bad fuel; engine stored without treating or draining gasoline, or refueled with bad gasoline.	Refuel (p. 7). Drain fuel tank and carburetor (p. 12). Refuel with fresh gasoline(p. 7).
5. Remove and inspect spark plugs.	Spark plugs faulty, fouled, or improperly gapped.	Gap, or replace spark plugs (p. 10).
	Spark plugs wet with fuel (flooded engine).	Dry and reinstall spark plugs. Start engine with throttle lever in FAST position.
6. Take engine to an authorized Honda servicing dealer, or refer to shop manual.	Fuel filter restricted, carburetor malfunction, ignition malfunction, valves stuck, etc.	Replace or repair faulty components as necessary.

ENGINE LACKS POWER	Possible Cause	Correction
1. Check air filter.	Filter element(s) restricted.	Clean or replace filter element(s) (p. 9).
2. Check fuel.	Bad fuel; engine stored without treating or draining gasoline, or refueled with bad gasoline.	Drain fuel tank and carburetor (p. 12). Refuel with fresh gasoline (p. 7).
3. Take engine to an authorized Honda servicing dealer, or refer to shop manual.	Fuel filter restricted, carburetor malfunction, ignition malfunction, valves stuck, etc.	Replace or repair faulty components as necessary.

FUSE REPLACEMENT

The electric starter relay circuit and battery charging circuit are protected by a 25-ampere fuse. If the fuse burns out, the electric starter will not operate. The engine can be started manually if the fuse burns out, but running the engine will not charge the battery.

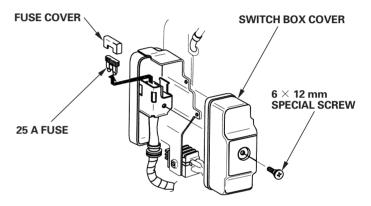
- 1. Remove the 6 \times 12 mm screw from the rear cover of the engine switch box.
- 2. Remove the fuse cover, and inspect the fuse.

If the fuse is burnt out, remove the fuse cover, then pull out and discard the burnt-out fuse. Install a new 25-ampere fuse, and reinstall the fuse cover.

NOTICE

Never use a fuse with a rating greater than 25 amperes. Serious damage to the electrical system or a fire could result.

3. Reinstall the rear cover. Install the 6 \times 12 mm screw and tighten it securely.

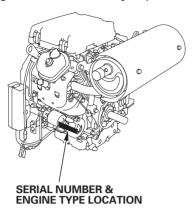


Frequent fuse failure usually indicates a short circuit or an overload in the electrical system. If the fuse burns out frequently, take the engine to a servicing Honda dealer for repair.

TECHNICAL INFORMATION

Serial Number Location

Record the engine serial number, type and purchase date in the space below. You will need this information when ordering parts and when making technical or warranty inquiries.



Engine serial number	r:		. –	 	_	 	
Engine type: _			_				
Date Purchased:	1	1					

Battery Connections for Electric Starter

Recommended Battery

GX610	
GX620	12 V – 45 Ah
GX670	

Be careful not to connect the battery in reverse polarity, as this will short circuit the battery charging system. Always connect the positive (+) battery cable to the battery terminal before connecting the negative (-) battery cable, so your tools cannot cause a short circuit if they touch a grounded part while tightening the positive (+) battery cable end.

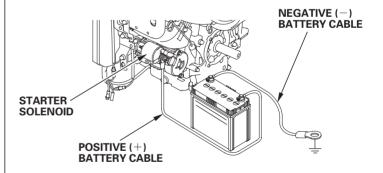
A WARNING

A battery can explode if you do not follow the correct procedure, seriously injuring anyone nearby.

Keep all sparks, open flames, and smoking materials away from the battery.

WARNING: Battery posts, terminals, and related accessories contain lead and lead compounds. **Wash hands after handling.**

- 1. Connect the battery positive (+) cable to the starter solenoid terminal as shown.
- 2. Connect the battery negative (—) cable to an engine mounting bolt, frame bolt, or other good engine ground connection.
- 3. Connect the battery positive (+) cable to the battery positive (+) terminal as shown.
- Connect the battery negative (-) cable to the battery negative (-) terminal as shown.
- 5. Coat the terminals and cable ends with grease.

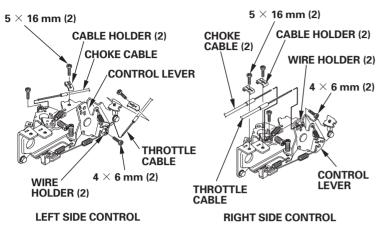


Remote Control Linkage

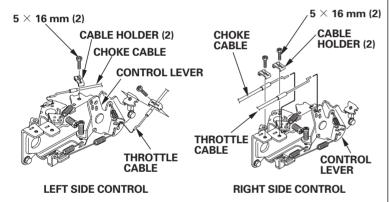
The throttle and choke control levers are provided with holes for optional cable attachment. The following illustrations show installation examples for a solid wire cable and for a flexible, braided wire cable.

REMOTE THROTTLE AND REMOTE CHOKE

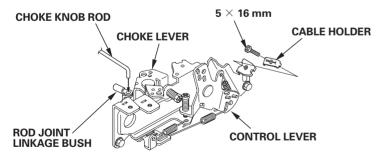
BRAIDED WIRE CABLE TYPE

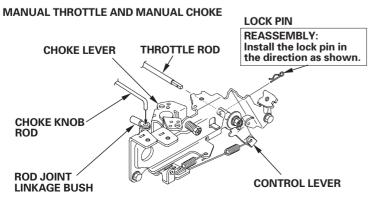


SOLID WIRE CABLE TYPE



REMOTE THROTTLE AND MANUAL CHOKE





Carburetor Modifications for High Altitude Operation

At high altitude, the standard carburetor air-fuel mixture will be too rich. Performance will decrease, and fuel consumption will increase. A very rich mixture will also foul the spark plug and cause hard starting. Operation at an altitude that differs from that at which this engine was certified, for extended periods of time, may increase emissions.

High altitude performance can be improved by specific modifications to the carburetor. If you always operate your engine at altitudes above 1,500 meters (5,000 feet), have your servicing dealer perform this carburetor modification. This engine, when operated at high altitude with the carburetor modifications for high altitude use, will meet each emission standard throughout its useful life.

Even with carburetor modification, engine horsepower will decrease about 3.5% for each 300-meter (1,000-foot) increase in altitude. The effect of altitude on horsepower will be greater than this if no carburetor modification is made.

NOTICE

When the carburetor has been modified for high altitude operation, the air-fuel mixture will be too lean for low altitude use. Operation at altitudes below 1,500 meters (5,000 feet) with a modified carburetor may cause the engine to overheat and result in serious engine damage. For use at low altitudes, have your servicing dealer return the carburetor to original factory specifications.

Emission Control System Information

Source of Emissions

The combustion process produces carbon monoxide, oxides of nitrogen, and hydrocarbons. Control of hydrocarbons and oxides of nitrogen is very important because, under certain conditions, they react to form photochemical smog when subjected to sunlight. Carbon monoxide does not react in the same way, but it is toxic.

Honda utilizes appropriate air/fuel ratios and other emissions control systems to reduce the emissions of carbon monoxide, oxides of nitrogen, and hydrocarbons.

Additionally, Honda fuel systems utilize components and control technologies to reduce evaporative emissions.

The U.S., California Clean Air Acts and Environment Canada

EPA, California and Canadian regulations require all manufacturers to furnish written instructions describing the operation and maintenance of emission control systems.

The following instructions and procedures must be followed in order to keep the emissions from your Honda engine within the emission standards.

Tampering and Altering

Tampering with or altering the emission control system may increase emissions beyond the legal limit. Among those acts that constitute tampering are:

- Removal or alteration of any part of the intake, fuel, or exhaust systems.
- Altering or defeating the governor linkage or speed-adjusting mechanism to cause the engine to operate outside its design parameters.

Problems That May Affect Emissions

If you are aware of any of the following symptoms, have your engine inspected and repaired by your servicing dealer.

- Hard starting or stalling after starting.
- Rough idle.
- Misfiring or backfiring under load.
- Afterburning (backfiring).
- Black exhaust smoke or high fuel consumption.

Replacement Parts

The emission control systems on your Honda engine were designed, built, and certified to conform with EPA, California (models certified for sale in California), and Canadian emission regulations. We recommend the use of Honda Genuine parts whenever you have maintenance done. These original-design replacement parts are manufactured to the same standards as the original parts, so you can be confident of their performance. The use of replacement parts that are not of the original design and quality may impair the effectiveness of your emission control system.

A manufacturer of an aftermarket part assumes the responsibility that the part will not adversely affect emission performance. The manufacturer or rebuilder of the part must certify that use of the part will not result in a failure of the engine to comply with emission regulations.

Maintenance

Follow the maintenance schedule on page 6. Remember that this schedule is based on the assumption that your machine will be used for its designed purpose. Sustained high-load or high-temperature operation, or use in unusually wet or dusty conditions, will require more frequent service.

Air Index

(Models certified for sale in California)

An Air Index Information label is applied to engines certified to an emission durability time period in accordance with the requirements of the California Air Resources Board.

The bar graph is intended to provide you, our customer, the ability to compare the emissions performance of available engines. The lower the Air Index, the less pollution.

The durability description is intended to provide you with information relating to the engine's emission durability period. The descriptive term indicates the useful life period for the engine's emission control system. See your Emission Control System Warranty for additional information.

Descriptive Term	Applicable to Emissions Durability Period
Moderate	50 hours $[0-80 \text{ cm}^3 (0-80 \text{ cc}) \text{ inclusive}]$
	125 hours [greater than 80 cm³ (80 cc)]
Intermediate	125 hours $[0-80 \text{ cm}^3 (0-80 \text{ cc}) \text{ inclusive}]$
	250 hours [greater than 80 cm³ (80 cc)]
Extended	300 hours $[0-80 \text{ cm}^3 (0-80 \text{ cc}) \text{ inclusive}]$
	500 hours [greater than 80 cm³ (80 cc)]
	1,000 hours [225 cm³ (225 cc) and greater]

Specifications

GX610 (QAF-Type)

Length $ imes$ Width $ imes$	$388 \times 457 \times 452 \mathrm{mm}$
Height	$(15.3 \times 18.0 \times 17.8 \text{ in})$
Dry mass [weight]	42.1 kg (92.8 lbs)
Engine type	4-stroke, overhead valve, 2 cylinders (90° V-Twin)
Displacement	614 cm³ (37.5 cu-in)
[Bore × Stroke]	$[77.0 \times 66.0 \mathrm{mm} (3.03 \times 2.60 \mathrm{in})]$
Net power	12.4 kW (16.9 PS, 16.6 bhp) at 3,600 rpm
(in accordance with SAE J1349*)	
Max. Net torque	39.6 N·m (4.04 kgf·m, 29.2 lbf·ft)
(in accordance with SAE J1349*)	at 2,500 rpm
Engine oil capacity	Without oil filter replacement:
	approximately
	1.1 L (1.2 US qt, 1.0 Imp qt)
	With oil filter replacement:
	approximately
	1.4 L (1.5 US qt, 1.2 Imp qt)
Cooling system	Forced air
Ignition system	Transistor magneto
PTO shaft rotation	Counterclockwise

GAOZU (GAF-Type)	
Length × Width ×	$388 imes 457 imes 452 \mathrm{mm}$
Height	$(15.3 \times 18.0 \times 17.8 \text{ in})$
Dry mass [weight]	42.1 kg (92.8 lbs)
Engine type	4-stroke, overhead valve, 2 cylinders (90° V-Twin)
Displacement	614 cm³ (37.5 cu-in)
[Bore × Stroke]	$[77.0 \times 66.0 \mathrm{mm} (3.03 \times 2.60 \mathrm{in})]$
Net power	13.5 kW (18.4 PS, 18.1 bhp) at 3,600 rpm
(in accordance with SAE J1349*)	
Max. Net torque	40.6 N·m (4.14 kgf·m, 29.9 lbf·ft) at
(in accordance with SAE J1349*)	2,500 rpm
Engine oil capacity	Without oil filter replacement:
	approximately
	1.1 L (1.2 US qt, 1.0 Imp qt)
	With oil filter replacement:
	approximately
	1.4 L (1.5 US qt, 1.2 Imp qt)
Cooling system	Forced air
Ignition system	Transistor magneto
PTO shaft rotation	Counterclockwise

GX670 (TAF-Type)	
Length $ imes$ Width $ imes$	412 \times 471 \times 457 mm
Height	$(16.2 \times 18.5 \times 18.0 \text{ in})$
Dry mass [weight]	43.5 kg (95.9 lbs)
Engine type	4-stroke, overhead valve, 2 cylinders (90° V-Twin)
Displacement	670 cm³ (40.9 cu-in)
[Bore \times Stroke]	$[77.0 \times 72.0 \text{ mm } (3.03 \times 2.83 \text{ in})]$
Net power	15.3 kW (20.8 PS, 20.5 bhp) at 3,600 rpm
(in accordance with SAE J1349*)	
Max. Net torque	46.0 N·m (4.69 kgf·m, 33.9 lbf·ft) at
(in accordance with SAE J1349*)	2,500 rpm
Engine oil capacity	Without oil filter replacement:
	approximately
	1.1 L (1.2 US qt, 1.0 lmp qt)
	With oil filter replacement:
	approximately
	1.4 L (1.5 US qt, 1.2 Imp qt)
Cooling system	Forced air
Ignition system	Transistor magneto
PTO shaft rotation	Counterclockwise

*The power rating of the engine indicated in this document is the net power output tested on a production engine for the engine model and measured in accordance with SAE J1349 at 3,600 rpm (Net Power) and at 2,500 rpm (Max. Net Torque). Mass production engines may vary from this value. Actual power output for the engine installed in the final machine will vary depending on numerous factors, including the operating speed of the engine in application, environmental conditions, maintenance, and other variables.

Tuneup Specifications GX610/620/670

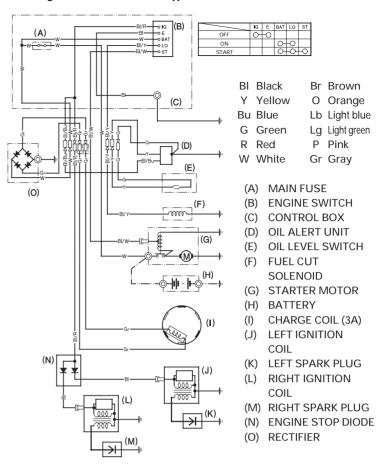
1 and ap opposition at 10 10 7 0 20 7 0 7 0						
ITEM	SPECIFICATION	MAINTENANCE				
Spark plug gap	0.7-0.8 mm	Refer to page 10				
	(0.028-0.031 in)					
Idle speed	$1,400 \pm 150 \mathrm{rpm}$	See your authorized				
		Honda dealer				
Valve clearance	IN: 0.15 \pm 0.02 mm	See your authorized				
(cold)	EX: 0.20 ± 0.02 mm	Honda dealer				
Other specifications	No other adjustments needed.					

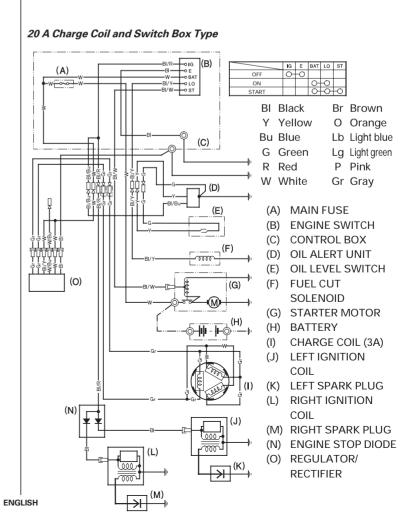
Quick Reference Information

Fuel	Unleaded gasoline (Refer to page 7).			
	U. S. Pump octane rating 86 or higher			
	Except Research octane rating 91 or higher			
	U. S. Pump octane rating 86 or higher			
Engine oil	SAE 10W-30, API SJ or later, for general use.			
	Refer to page 7.			
Spark plug	ZGR5A (NGK)			
	J16CR-U (DENSO)			
Maintenance	Before each use:			
	 Check engine oil level. Refer to page 7. 			
	 Check air filter. Refer to page 9. 			
	First 20 hours:			
	Change engine oil. Refer to page 8.			
	Subsequent:			
	Refer to the maintenance schedule on page 6.			

Wiring Diagrams

3 A Charge Coil and Switch Box Type





CONSUMER INFORMATION

DISTRIBUTOR/DEALER LOCATOR INFORMATION

United States, Puerto Rico, and U.S. Virgin Islands:

Visit our website: www.honda-engines.com

Canada:

Call (888) 9HONDA9

or visit our website: www.honda.ca

For European Area:

visit our website: http://www.honda-engines-eu.com

CUSTOMER SERVICE INFORMATION

Servicing dealership personnel are trained professionals. They should be able to answer any question you may have. If you encounter a problem that your dealer does not solve to your satisfaction, please discuss it with the dealership's management. The Service Manager, General Manager, or Owner can help. Almost all problems are solved in this way.

United States, Puerto Rico, and U.S. Virgin Islands:

If you are dissatisfied with the decision made by the dealership's management, contact the Honda Regional Engine Distributor for your area.

If you are still dissatisfied after speaking with the Regional Engine Distributor, you may contact the Honda Office as shown.

All Other Areas:

If you are dissatisfied with the decision made by the dealership's management, contact the Honda Office as shown.

《Honda's Office》

When you write or call, please provide this information:

- Equipment manufacturer's name and model number that the engine is mounted on
- Engine model, serial number, and type (see page 14)
- Name of dealer who sold the engine to you
- Name, address, and contact person of the dealer who services your engine
- Date of purchase
- Your name, address and telephone number
- A detailed description of the problem

United States, Puerto Rico, and U.S. Virgin Islands:

American Honda Motor Co., Inc.

Power Equipment Division Customer Relations Office 4900 Marconi Drive

Alpharetta, GA 30005-8847

Or telephone: (770) 497-6400, 8:30 am - 7:00 pm ET

Canada:

Honda Canada, Inc.

715 Milner Avenue Toronto, ON M1B 2K8

Telephone: (888) 9HONDA9 Toll free

(888) 946-6329

(416) 299-3400 Local Toronto dialing area

Facsimile: (877) 939-0909 Toll free

(416) 287-4776 Local Toronto dialing area

Australia:

Honda Australia Motorcycle and Power Equipment Pty. Ltd.

1954 – 1956 Hume Highway Campbellfield Victoria 3061

Telephone: (03) 9270 1111 Facsimile: (03) 9270 1133

For European Area:

Honda Europe NV.

European Engine Center

http://www.honda-engines-eu.com

All Other Areas:

Please contact the Honda distributor in your area for assistance.



INTRODUCTION

Thank you for purchasing a Honda engine. We want to help you to get the best results from your new engine and to operate it safely. This manual contains information on how to do that; please read it carefully before operating the engine. If a problem should arise, or if you have any questions about your engine, consult an authorized Honda servicing dealer.

All information in this publication is based on the latest product information available at the time of printing. Honda Motor Co., Ltd. reserves the right to make changes at any time without notice and without incurring any obligation. No part of this publication may be reproduced without written permission.

This manual should be considered a permanent part of the engine and should remain with the engine if resold.

Review the instructions provided with the equipment powered by this engine for any additional information regarding engine startup, shutdown, operation, adjustments or any special maintenance instructions.

United States, Puerto Rico, and U.S. Virgin Islands: We suggest you read the warranty policy to fully understand its coverage and your responsibilities of ownership. The warranty policy is a separate document that should have been given to you by your dealer.

SAFETY MESSAGES

Your safety and the safety of others are very important. We have provided important safety messages in this manual and on the engine. Please read these messages carefully.

A safety message alerts you to potential hazards that could hurt you or others. Each safety message is preceded by a safety alert symbol **A** and one of three words, DANGER, WARNING, or CAUTION.

These signal words mean:

A DANGER

You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.



You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.



You CAN be HURT if you don't follow instructions.

Each message tells you what the hazard is, what can happen, and what you can do to avoid or reduce injury.

DAMAGE PREVENTION MESSAGES

You will also see other important messages that are preceded by the word NOTICE.

This word means:

NOTICE

Your engine or other property can be damaged if you don't follow instructions.

The purpose of these messages is to help prevent damage to your engine, other property, or the environment.

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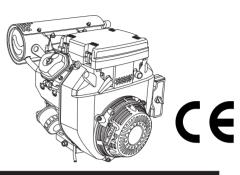
GX610R1·GX620R1·GX670R·GX610U1·GX620U1·GX670U

37Z6C603 00X37-Z6C-6030

HONDA

OWNER'S MANUAL MANUEL DE L'UTILISATEUR MANUAL DEL PROPIETARIO

GX610 - GX620 - GX670



A WARNING:

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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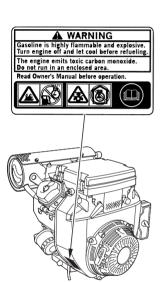
SAFETY INFORMATION

- Understand the operation of all controls and learn how to stop the engine quickly in case of emergency. Make sure the operator receives adequate instruction before operating the equipment.
- Do not allow children to operate the engine. Keep children and pets away from the area of operation.
- Your engine's exhaust contains poisonous carbon monoxide.
 Do not run the engine without adequate ventilation, and never run the engine indoors.
- The engine and exhaust become very hot during operation. Keep the engine at least 1 meter (3 feet) away from buildings and other equipment during operation. Keep flammable materials away, and do not place anything on the engine while it is running.

SAFETY LABEL LOCATION

This label warns you of potential hazards that can cause serious injury. Read it carefully.

If the label comes off or becomes hard to read, contact your Honda dealer for replacement.





For Canada: French label is packaged with the engine.



Gasoline is highly flammable and explosive. Turn engine off and let cool before refueling.

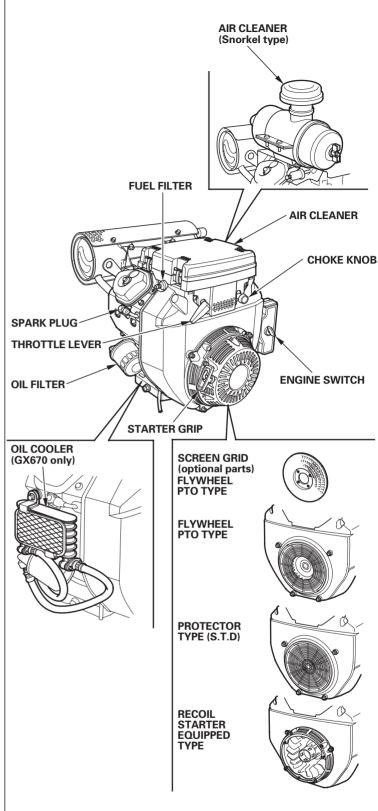


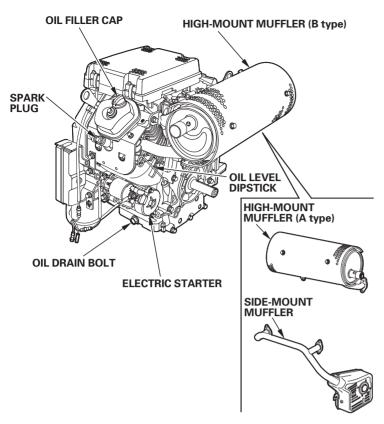
The engine emits toxic poisonous carbon monoxide gas. Do not run in an enclosed area.



Read Owner's Manual before operation.

COMPONENT & CONTROL LOCATION





FEATURES

Oil Alert® System (applicable types)

"Oil Alert is a registered trademark in the United States"

The Oil Alert system is designed to prevent engine damage caused by an insufficient amount of oil in the crankcase. Before the oil level in the crankcase can fall below a safe limit, the Oil Alert system will automatically stop the engine (the engine switch will remain in the ON position).

If the engine stops and will not restart, check the engine oil level (see page 7) before troubleshooting in other areas.

Fuel-cut Solenoid

The engine is equipped with a fuel-cut solenoid that allows fuel to flow to the carburetor main jet when the engine switch is in the ON or START position and stops the flow of fuel to the main jet when the engine switch is in the OFF position.

The engine must be connected to the battery to energize the fuelcut solenoid, allowing the engine to run. If the battery is disconnected, fuel flow to the carburetor main jet will stop.

Oil Cooler (GX670)

The GX670 engine is equipped with an oil cooler to maintain the correct temperature.

BEFORE OPERATION CHECKS

IS YOUR ENGINE READY TO GO?

For your safety, and to maximize the service life of your equipment, it is very important to take a few moments before you operate the engine to check its condition. Be sure to take care of any problem you find, or have your servicing dealer correct it, before you operate the engine.

A WARNING

Improperly maintaining this engine, or failure to correct a problem before operation, can cause a malfunction in which you can be seriously hurt or killed.

Always perform a pre-operation inspection before each operation, and correct any problem.

Before beginning your pre-operation checks, be sure the engine is level and the engine switch is in the OFF position.

Always check the following items before you start the engine:

Check the General Condition of the Engine

- Look around and underneath the engine for signs of oil or gasoline leaks.
- Remove any excessive dirt or debris, especially around the muffler and recoil starter.
- 3. Look for signs of damage.
- Check that all shields and covers are in place, and all nuts, bolts, and screws are tightened.

Check the Engine

- 1. Check the fuel level. Starting with a full tank will help to eliminate or reduce operating interruptions for refueling.
- 2. Check the engine oil level (see page 7). Running the engine with a low oil level can cause engine damage.

The Oil Alert system (applicable types) will automatically stop the engine before the oil level falls below safe limits. However, to avoid the inconvenience of an unexpected shutdown, always check the engine oil level before startup.

- 3. Check the air filter element (see page 9). A dirty air filter element will restrict air flow to the carburetor, reducing engine performance.
- 4. Check the equipment powered by this engine.

Review the instructions provided with the equipment powered by this engine for any precautions and procedures that should be followed before engine startup.

OPERATION

SAFE OPERATING PRECAUTIONS

Before operating the engine for the first time, please review the SAFETY INFORMATION section on page 2 and the BEFORE OPERATION CHECKS on page 3.

For your safety, do not operate the engine in an enclosed area such as a garage. Your engine's exhaust contains poisonous carbon monoxide gas that can collect rapidly in an enclosed area and cause illness or death.

A WARNING

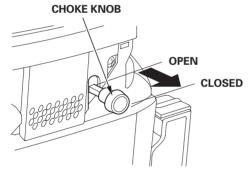
Exhaust contains poisonous carbon monoxide gas that can build up to dangerous levels in closed areas. Breathing carbon monoxide can cause unconsciousness or death.

Never run the engine in a closed, or even partly closed area where people may be present.

Review the instructions provided with the equipment powered by this engine for any safety precautions that should be observed with engine startup, shutdown or operation.

STARTING THE ENGINE

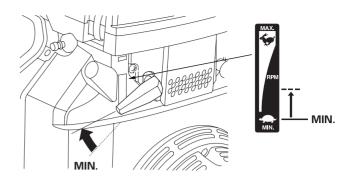
- 1. If the fuel tank is equipped with a valve, be sure the fuel valve is in the OPEN or ON position before attempting to start the engine.
- To start a cold engine, pull the choke knob out to the CLOSED position.



To restart a warm engine, leave the choke knob in the OPEN position.

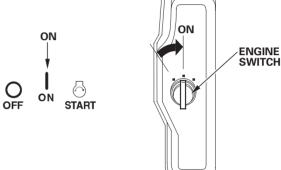
Some engine applications use a remote-mounted choke control rather than the engine-mounted choke knob shown here. Refer to the instructions provided by the equipment manufacturer.

3. Move the throttle lever away from the MIN. position, about 1/3 of the way toward the MAX. position.



Some engine applications use a remote-mounted throttle control rather than the engine-mounted throttle lever shown here. Refer to the instructions provided by the equipment manufacturer.

4. Turn the engine switch to the ON position.



5. Operate the starter.

ELECTRIC STARTER:

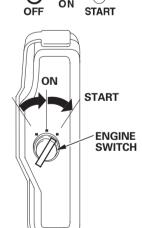
Turn the key to the START position, and hold it there until the engine starts.

If the engine fails to start within 5 seconds, release the key, and wait at least 10 seconds before operating the starter again.

NOTICE

Using the electric starter for more than 5 seconds at a time will overheat the starter motor and can damage it.

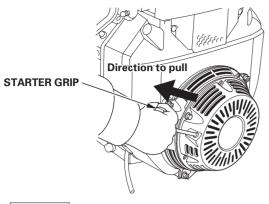
When the engine starts, release the key, allowing it to return to the ON position.



START

RECOIL STARTER (applicable types):

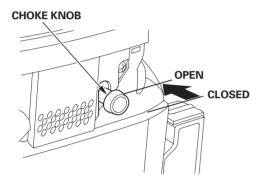
Pull the starter grip lightly until you feel resistance, then pull briskly in the direction of the arrow as shown below. Return the starter grip gently.



NOTICE

Do not allow the starter grip to snap back against the engine. Return it gently to prevent damage to the starter.

6. If the choke knob has been pulled to the CLOSED position to start the engine, gradually push it to the OPEN position as the engine warms up.



STOPPING THE ENGINE

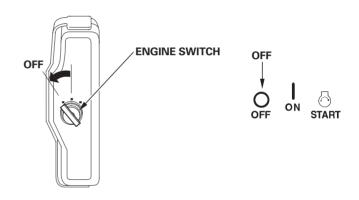
To stop the engine in an emergency, simply turn the engine switch to the OFF position. Under normal conditions, use the following procedure. Refer to the instructions provided by the equipment manufacturer.

1. Move the throttle lever to the MIN. position.

Some engine applications use a remote-mounted throttle control rather than the engine-mounted throttle lever shown here.



2. Turn the engine switch to the OFF position.



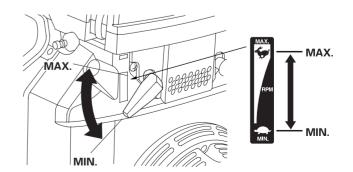
3. If the fuel tank is equipped with a valve, turn the fuel valve to the CLOSED or OFF position.

SETTING ENGINE SPEED

Position the throttle lever for the desired engine speed.

Some engine applications use a remote-mounted throttle control rather than the engine-mounted throttle lever shown here. Refer to the instructions provided by the equipment manufacturer.

For engine speed recommendations, refer to the instructions provided with the equipment powered by this engine.



SERVICING YOUR ENGINE

THE IMPORTANCE OF MAINTENANCE

Good maintenance is essential for safe, economical and troublefree operation. It will also help reduce pollution.

A WARNING

Improper maintenance, or failure to correct a problem before operation, can cause a malfunction in which you can be seriously hurt or killed.

Always follow the inspection and maintenance recommendations and schedules in this owner's manual.

To help you properly care for your engine, the following pages include a maintenance schedule, routine inspection procedures, and simple maintenance procedures using basic hand tools. Other service tasks that are more difficult, or require special tools, are best handled by professionals and are normally performed by a Honda technician or other qualified mechanic.

The maintenance schedule applies to normal operating conditions. If you operate your engine under severe conditions, such as sustained high-load or high-temperature operation, or use in unusually wet or dusty conditions, consult your servicing dealer for recommendations applicable to your individual needs and use.

Maintenance, replacement, or repair of the emission control devices and systems may be performed by any engine repair establishment or individual, using parts that are "certified" to EPA standards.

MAINTENANCE SAFETY

Some of the most important safety precautions follow. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

A WARNING

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

Always follow the procedures and precautions in this owner's manual.

SAFETY PRECAUTIONS

- Make sure the engine is off before you begin any maintenance or repairs. This will eliminate several potential hazards:
 - Carbon monoxide poisoning from engine exhaust.
 Be sure there is adequate ventilation whenever you operate the engine.
 - -Burns from hot parts.
 - Let the engine and exhaust system cool before touching.
 - -Injury from moving parts.
 - Do not run the engine unless instructed to do so.
- Read the instructions before you begin, and make sure you have the tools and skills required.
- To reduce the possibility of fire or explosion, be careful when working around gasoline. Use only a non-flammable solvent, not gasoline, to clean parts. Keep cigarettes, sparks and flames away from all fuel related parts.

Remember that an authorized Honda servicing dealer knows your engine best and is fully equipped to maintain and repair it.

To ensure the best quality and reliability, use only new Honda Genuine parts or their equivalents for repair and replacement.

MAINTENANCE SCHEDULE

REGULAR SERVICE	CE PERIOD (3)	Each	First	Every 3	Every 6	Every	Refer
Perform at every		Use	Month	Months	Months	Year	to
indicated mont	h or		or	or	or	or	Page
operating hour	interval,		20 Hrs	50 Hrs	100 Hrs	300 Hrs	
whichever com	nes first.						
ITEM							
Engine oil	Check level	0					7
	Change		0		0		8
Engine oil filter	Replace					Every	8
						200 Hrs	
Air cleaner	Check	0					9
	Clean			o (1)			9
	Replace					0*	
Spark plug	Check-adjust				0		10
	Replace					0	
Spark arrester	Clean				0		11
(applicable types)							
Idle speed	Check-adjust					0 (2)	* *
Valve clearance	Check-adjust					O (2)	**
Combustion	Clean		After e	very 500	Hrs. (2)		**
chamber							
Fuel filter	Check				0		10
	Replace					0 (2)	* *
Fuel tank	Clean		Ev	ery year	(2)		* *
Fuel tube Check		Every 2	2 years (I	Replace i	f necess	ary) (2)	* *
-							

- * Replace the paper air filter element only.
- * * Refer to the Shop Manual.
- (1) Service more frequently when used in dusty areas.
- (2) These items should be serviced by your Honda servicing dealer, unless you have the proper tools and are mechanically proficient. Refer to the Honda shop manual for service procedures.
- (3) For commercial use, log hours of operation to determine proper maintenance intervals.

Failure to follow this maintenance schedule could result in nonwarrantable failures.

REFUELING

Recommended Fuel

Unle	eaded gasoline	
U.S.		Pump octane rating 86 or higher
Except U.S.		Research octane rating 91 or higher
		Pump octane rating 86 or higher

This engine is certified to operate on unleaded gasoline with a pump octane rating of 86 or higher (a research octane rating of 91 or higher).

Refuel in a well-ventilated area with the engine stopped. If the engine has been running, allow it to cool first. Never refuel the engine inside a building where gasoline fumes may reach flames or sparks.

You may use unleaded gasoline containing no more than 10% ethanol (E10) or 5% methanol by volume. In addition, methanol must contain cosolvents and corrosion inhibitors. Use of fuels with content of ethanol or methanol greater than shown above may cause starting and/or performance problems. It may also damage metal, rubber, and plastic parts of the fuel system. Engine damage or performance problems that result from using a fuel with percentages of ethanol or methanol greater than shown above are not covered under warranty.

If your equipment will be used on an infrequent or intermittent basis, please refer to the fuel section of the HELPFUL TIPS & SUGGESTIONS chapter (see page 11) for additional information regarding fuel deterioration.

A WARNING

Gasoline is highly flammable and explosive, and you can be burned or seriously injured when refueling.

- Stop engine and keep heat, sparks, and flame away.
- Refuel only outdoors.
- Wipe up spills immediately.

NOTICE

Fuel can damage paint and some types of plastic. Be careful not to spill fuel when filling your fuel tank. Damage caused by spilled fuel is not covered under the Distributor's Limited Warranty.

Never use stale or contaminated gasoline or an oil/gasoline mixture. Avoid getting dirt or water in the fuel tank.

With the engine stopped and on a level surface, remove the fuel filler cap and check the fuel level. Refill the tank if the fuel level is low.

Refer to the instructions provided with the equipment powered by this engine for refuelling.

Refuel in a well-ventilated area before starting the engine. If the engine has been running, allow it to cool. Refuel carefully to avoid spilling fuel. It may be necessary to lower the fuel level depending on operating conditions. After refueling, tighten the fuel tank cap securely.

Keep gasoline away from appliance pilot lights, barbecues, electric appliances, power tools, etc.

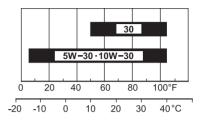
Spilled fuel is not only a fire hazard, it causes environmental damage. Wipe up spills immediately.

ENGINE OIL

Oil is a major factor affecting performance and service life. Use 4-stroke automotive detergent oil.

Recommended Oil

Use 4-stroke motor oil that meets or exceeds the requirements for API service category SJ or later (or equivalent). Always check the API service label on the oil container to be sure it includes the letters SJ or later (or equivalent).



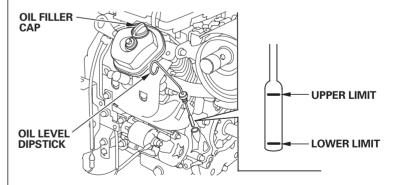
AMBIENT TEMPERATURE

SAE 10W-30 is recommended for general use. Other viscosities shown in the chart may be used when the average temperature in your area is within the indicated range.

Oil Level Check

Check the engine oil level with the engine stopped and in a level position.

- 1. GX670 ONLY: Start the engine and let it idle for 1 or 2 minutes. Stop the engine and wait for 2 or 3 minutes.
- 2. Remove the oil level dipstick and wipe it clean.
- 3. Fully insert the oil level dipstick, then remove it to check the oil level.
- 4. If the oil level is low, remove the oil filler cap, and fill with the recommended oil to the upper limit mark on the oil level dipstick.
- 5. Reinstall the oil level dipstick and oil filler cap.



NOTICE

Running the engine with a low oil level can cause engine damage. This type of damage is not covered by the Distributor's Limited Warranty.

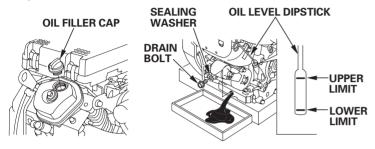
The Oil Alert system (applicable types) will automatically stop the engine before the oil level falls below the safe limit. However, to avoid the inconvenience of an unexpected shutdown, always check the engine oil level before startup.

Oil Change

Drain the used oil when the engine is warm. Warm oil drains quickly and completely.

- 1. Place a suitable container below the engine to catch the used oil, then remove the oil filler cap, drain bolt and washer.
- 2. Allow the used oil to drain completely, then reinstall the drain bolt and new washer, and tighten the drain bolt securely.

Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take used oil in a sealed container to your local recycling center or service station for reclamation. Do not throw it in the trash, pour it on the ground, or pour it down a drain.



3. With the engine in a level position, fill with the recommended oil to the upper limit mark on the oil level dipstick.

NOTICE

Running the engine with a low oil level can cause engine damage. This type of damage is not covered by the Distributor's Limited Warranty.

The Oil Alert system (applicable types) will automatically stop the engine before the oil level falls below the safe limit. However, to avoid the inconvenience of an unexpected shutdown, fill to the upper limit, and check the oil level regularly.

4. Reinstall the oil filler cap and oil level dipstick securely.

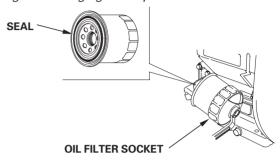
OIL FILTER

Change

- 1. Drain the engine oil, and retighten the drain bolt securely.
- Remove the oil filter, and drain the oil into a suitable container. Dispose the used oil and filter in a manner compatible with the environment.

NOTICE

Use an oil filter socket, rather than a strap wrench, to avoid striking and damaging the oil pressure switch.



3. Clean the filter mounting base, and coat the seal of the new oil filter with clean engine oil.

NOTICE

Use only a Honda Genuine oil filter or a filter of equivalent quality specified for your model. Using the wrong filter, or a non-Honda filter which is not of equivalent quality, may cause engine damage.

4. Screw on the new oil filter by hand until the seal contacts the filter mounting base, then use an oil filter socket tool to tighten the filter an additional 7/8 turn.

Oil filter tightening torque: 22 N·m (2.2 kgf·m, 16 lbf·ft)

- 5. Refill the crankcase with the specified amount of the recommended oil (see page 7). Reinstall the oil filler cap and oil level dipstick.
- 6. Start the engine, and check for leaks.
- 7. Stop the engine, and check the oil level as described on page 7. If necessary, add oil to bring the oil level to the upper limit mark on the oil level dipstick.

AIR CLEANER

A dirty air cleaner will restrict air flow to the carburetor, reducing engine performance. If you operate the engine in very dusty areas, clean the air filter more often than specified in the MAINTENANCE SCHEDULE.

NOTICE

Operating the engine without an air filter, or with a damaged air filter, will allow dirt to enter the engine, causing rapid engine wear. This type of damage is not covered by the Distributor's Limited Warranty.

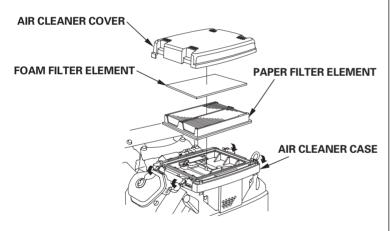
Inspection

Remove the air cleaner cover and inspect the filter elements. Clean or replace dirty filter elements. Always replace damaged filter elements.

Cleaning

Standard Type:

- 1. Release four latch tabs from the air cleaner cover, and remove the cover.
- 2. Remove the foam filter from the cover.
- 3. Remove the paper filter from the air cleaner case.



- 4. Inspect both air filter elements, and replace them if they are damaged. Always replace the paper air filter element at the scheduled interval (see page 6).
- 5. Clean the air filter elements if they are to be reused.

Paper air filter element: Tap the filter element several times on a hard surface to remove dirt, or blow compressed air [not exceeding 207 kPa (2.1 kgf/cm², 30 psi)] through the filter element from the air cleaner case side.

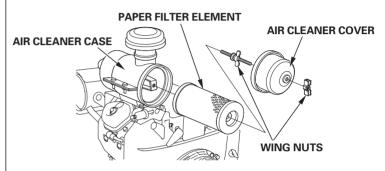
Never try to brush off dirt; brushing will force dirt into the fibers. Replace the paper element if it is excessively dirty.

Foam air filter element: Clean in warm soapy water, rinse, and allow to dry thoroughly. Or clean in non-flammable solvent and allow to dry. Do not put oil on the foam element.

- 6. Wipe dirt from the inside of the air cleaner body and cover, using a moist rag. Be careful to prevent dirt from entering the air chamber that leads to the carburetor.
- 7. Place the foam air filter element in the air cleaner cover, then reinstall the paper air filter element and cover to the air cleaner case. Hook the four latch tabs securely.

Snorkel Type:

- 1. Remove the wing nut from the air cleaner cover, and remove the cover.
- 2. Remove the wing nut from the paper filter element.
- 3. Remove the paper filter element from the air cleaner case.



- 4. Inspect the paper air filter element, and replace it if it is damaged. Always replace the paper air filter element at the scheduled interval (see page 6).
- 5. Clean the paper air filter element if it is to be reused.

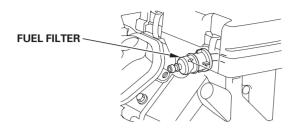
Tap the filter element several times on a hard surface to remove dirt, or blow compressed air [not exceeding 207 kPa (2.1 kg/cm², 30 psi)] through the filter element from the inside. Never try to brush off dirt; brushing will force dirt into the fibers.

- 6. Wipe dirt from the inside of the air cleaner case and cover, using a moist rag. Be careful to prevent dirt from entering the air duct that leads to the carburetor.
- Reinstall the paper air filter element. Tighten the air filter wing nut securely.
- 8. Reinstall the air cleaner cover, and tighten the cover wing nut securely.

FUEL FILTER

Inspection

1. Check the fuel filter for water accumulation or sediment.



2. If the fuel filter is found with excessive water accumulation or sediment, take the engine to your authorized Honda servicing dealer.

SPARK PLUG

Recommended Spark Plugs: ZGR5A (NGK) J16CR-U (DENSO)

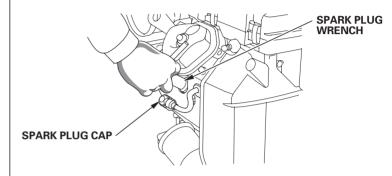
The recommended spark plugs have the correct heat range for normal engine operating temperatures.

NOTICE

Incorrect spark plugs can cause engine damage.

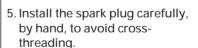
For good performance, the spark plugs must be properly gapped and free of deposits.

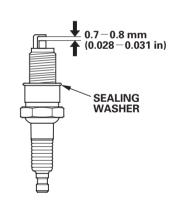
- 1. Disconnect the spark plug caps, and remove any dirt from around the spark plug area.
- 2. Remove the spark plugs with a 13/16-inch spark plug wrench.



- 3. Inspect the spark plugs. Replace them if damaged, badly fouled, if the sealing washer is in poor condition, or if the electrode is worn.
- 4. Measure the spark plug electrode gaps with a wire-type feeler gauge. Correct the gap, if necessary, by carefully bending the side electrode. The gap should be:

o.7 – 0.8 mm (0.028 – 0.031 in)





6. After the spark plug is seated, tighten with a 13/16-inch spark plug wrench to compress the sealing washer.

When installing a new spark plug, tighten 1/2 turn after the spark plug seats to compress the washer.

When reinstalling the original spark plug, tighten 1/8-1/4 turn after the spark plug seats to compress the washer.

NOTICE

A loose spark plug can overheat and damage the engine. Overtightening the spark plug can damage the threads in the cylinder head.

7. Attach the spark plug caps to the spark plugs.

SPARK ARRESTER (applicable types)

Your engine is not factory-equipped with a spark arrester. The spark arrester is optional part. In some areas, it is illegal to operate an engine without a spark arrester. Check local laws and regulations. A spark arrester is available from authorized Honda servicing dealers.

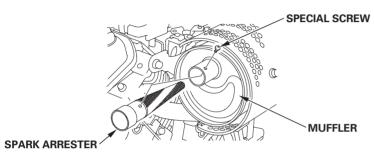
The spark arrester must be serviced every 100 hours to keep it functioning as designed.

If the engine has been running, the muffler will be hot. Allow it to cool before servicing the spark arrester.

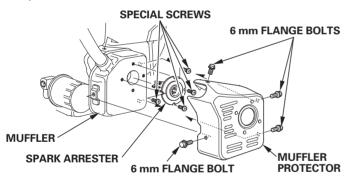
Spark Arrester Cleaning & Inspection

1. Remove the spark arrester:

HIGH-MOUNT MUFFLER TYPE: Remove the special screw from the muffler and remove the spark arrester.



SIDE-MOUNT MUFFLER TYPE: Remove the 6 mm flange bolts from the muffler protector and remove the muffler protector. Remove the special screws from the spark arrester and remove the spark arrester from the muffler.



2. Use a brush to remove carbon deposits from the spark arrester screen. Be careful to avoid damaging the screen.

The spark arrester must be free of breaks and holes. Replace the spark arrester if it is damaged.

HIGH-MOUNT MUFFLER TYPE SIDE-MOUNT MUFFLER TYPE

3. Install the spark arrester and muffler protector in the reverse

order of disassembly.

SPARK ARRESTER SCREEN

HELPFUL TIPS & SUGGESTIONS

STORING YOUR ENGINE

Storage Preparation

Proper storage preparation is essential for keeping your engine trouble-free and looking good. The following steps will help to keep rust and corrosion from impairing your engine's function and appearance, and will make the engine easier to start when you use it again.

Cleaning

If the engine has been running, allow it to cool for at least half an hour before cleaning. Clean all exterior surfaces, touch up any damaged paint, and coat other areas that may rust with a light film of oil.

NOTICE

Using a garden hose or pressure washing equipment can force water into the air cleaner or muffler opening. Water in the air cleaner will soak the air filter, and water that passes through the air filter or muffler can enter the cylinder, causing damage.

Fuel

NOTICE

Depending on the region where you operate your equipment, fuel formulations may deteriorate and oxidize rapidly. Fuel deterioration and oxidation can occur in as little as 30 days and may cause damage to the carburetor and/or fuel system. Please check with your servicing dealer for local storage recommendations.

Gasoline will oxidize and deteriorate in storage. Deteriorated gasoline will cause hard starting, and it leaves gum deposits that clog the fuel system. If the gasoline in your engine deteriorates during storage, you may need to have the carburetor and other fuel system components serviced or replaced.

The length of time that gasoline can be left in your fuel tank and carburetor without causing functional problems will vary with such factors as gasoline blend, your storage temperatures, and whether the fuel tank is partially or completely filled. The air in a partially filled fuel tank promotes fuel deterioration. Very warm storage temperatures accelerate fuel deterioration. Fuel deterioration problems may occur within a few months, or even less if the gasoline was not fresh when you filled the fuel tank.

Fuel system damage or engine performance problems resulting from neglected storage preparation are not covered under the *Distributor's Limited Warranty*.

You can extend fuel storage life by adding a gasoline stabilizer that is formulated for that purpose, or you can avoid fuel deterioration problems by draining the fuel tank and carburetor.

Adding a Gasoline Stabilizer to Extend Fuel Storage Life

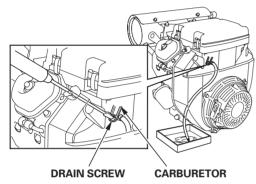
When adding a gasoline stabilizer, fill the fuel tank with fresh gasoline. If only partially filled, air in the tank will promote fuel deterioration during storage. If you keep a container of gasoline for refueling, be sure that it contains only fresh gasoline.

- 1. Add gasoline stabilizer following the manufacturer's instructions.
- After adding a gasoline stabilizer, run the engine outdoors for 10 minutes to be sure that treated gasoline has replaced the untreated gasoline in the carburetor.
- Stop the engine, and if the fuel tank is equipped with a fuel valve, move the fuel valve to the CLOSED or OFF position.

A WARNING

Gasoline is highly flammable and explosive, and you can be burned or seriously injured when handling fuel.

- Stop engine and keep heat, sparks, and flame away.
- Refuel only outdoors.
- Wipe up spills immediately.
- Disconnect the fuel line to the engine, and drain the fuel tank into an approved gasoline container. If the fuel tank is equipped with a valve, turn the fuel valve to the OPEN or ON position to enable draining. After draining is completed, reconnect the fuel line.
- Loosen the carburetor drain screw, and drain the carburetor into an approved gasoline container. After draining is completed, tighten the carburetor drain screw.



Engine Oil

- 1. Change the engine oil (see page 8).
- 2. Remove the spark plugs (see page 10).
- 3. Pour a teaspoon $5-10 \text{ cm}^3$ (5-10 cc) of clean engine oil into each cylinder.
- 4. Turn the engine for a few seconds by turning the engine switch to the START position to distribute the oil in the cylinders.
- 5. Reinstall the spark plugs.

Storage Precautions

If your engine will be stored with gasoline in the fuel tank and carburetor, it is important to reduce the hazard of gasoline vapor ignition. Select a well-ventilated storage area away from any appliance that operates with a flame, such as a furnace, water heater, or clothes dryer. Also avoid any area with a spark-producing electric motor, or where power tools are operated.

If possible, avoid storage areas with high humidity, because that promotes rust and corrosion.

Keep the engine level in storage. Tilting can cause fuel or oil leakage.

Unless all fuel has been drained from the fuel tank, leave the fuel valve in the CLOSED or OFF position to reduce the possibility of fuel leakage.

With the engine and exhaust system cool, cover the engine to keep out dust. A hot engine and exhaust system can ignite or melt some materials. Do not use sheet plastic as a dust cover. A nonporous cover will trap moisture around the engine, promoting rust and corrosion.

If installed, remove the battery and store it in a cool, dry place. Recharge the battery once a month while the engine is in storage. This will help to extend the service life of the battery.

Removal from Storage

Check your engine as described in the *BEFORE OPERATION CHECKS* section of this manual (see page 3).

If the fuel was drained during storage preparation, fill the tank with fresh gasoline. If you keep a container of gasoline for refueling, be sure it contains only fresh gasoline. Gasoline oxidizes and deteriorates over time, causing hard starting.

If the cylinders were coated with oil during storage preparation, the engine may smoke briefly at startup. This is normal.

TRANSPORTING

If the engine has been running, allow it to cool for at least 15 minutes before loading the engine-powered equipment on the transport vehicle. A hot engine and exhaust system can burn you and can ignite some materials.

Keep the engine level when transporting to reduce the possibility of fuel leakage. If the fuel tank is equipped with a fuel valve, move the fuel valve lever to OFF.

TAKING CARE OF UNEXPECTED PROBLEMS

ENGINE WILL NOT START	Possible Cause	Correction
1. Electric starting: Check battery	Battery discharged.	Recharge battery.
and fuse.	Fuse burnt out.	Replace fuse.
2. Check control positions.	Fuel valve CLOSED or OFF. (If equipped) Choke OPEN.	Move lever to OPEN or ON position. Move knob to CLOSED position unless the engine is warm.
	Engine switch OFF.	Turn engine switch to ON position.
3. Check engine oil level.	Engine oil level low (Oil Alert stops engine).	Fill with the recommended oil to the proper level (p. 7).
4. Check fuel.	Out of fuel. Bad fuel; engine stored without treating or draining gasoline, or refueled with bad gasoline.	Refuel (p. 7). Drain fuel tank and carburetor (p. 12). Refuel with fresh gasoline(p. 7).
5. Remove and inspect spark plugs.	Spark plugs faulty, fouled, or improperly gapped.	Gap, or replace spark plugs (p. 10).
	Spark plugs wet with fuel (flooded engine).	Dry and reinstall spark plugs. Start engine with throttle lever in FAST position.
6. Take engine to an authorized Honda servicing dealer, or refer to shop manual.	Fuel filter restricted, carburetor malfunction, ignition malfunction, valves stuck, etc.	Replace or repair faulty components as necessary.

ENGINE LACKS POWER	Possible Cause	Correction
1. Check air filter.	Filter element(s) restricted.	Clean or replace filter element(s) (p. 9).
2. Check fuel.	Bad fuel; engine stored without treating or draining gasoline, or refueled with bad gasoline.	Drain fuel tank and carburetor (p. 12). Refuel with fresh gasoline (p. 7).
3. Take engine to an authorized Honda servicing dealer, or refer to shop manual.	Fuel filter restricted, carburetor malfunction, ignition malfunction, valves stuck, etc.	Replace or repair faulty components as necessary.

FUSE REPLACEMENT

The electric starter relay circuit and battery charging circuit are protected by a 25-ampere fuse. If the fuse burns out, the electric starter will not operate. The engine can be started manually if the fuse burns out, but running the engine will not charge the battery.

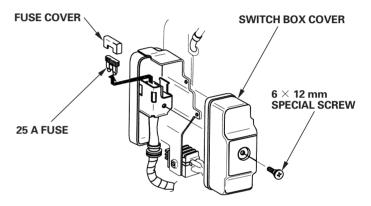
- 1. Remove the 6 \times 12 mm screw from the rear cover of the engine switch box.
- 2. Remove the fuse cover, and inspect the fuse.

If the fuse is burnt out, remove the fuse cover, then pull out and discard the burnt-out fuse. Install a new 25-ampere fuse, and reinstall the fuse cover.

NOTICE

Never use a fuse with a rating greater than 25 amperes. Serious damage to the electrical system or a fire could result.

3. Reinstall the rear cover. Install the 6 \times 12 mm screw and tighten it securely.

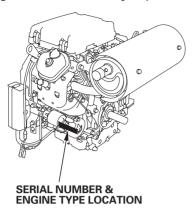


Frequent fuse failure usually indicates a short circuit or an overload in the electrical system. If the fuse burns out frequently, take the engine to a servicing Honda dealer for repair.

TECHNICAL INFORMATION

Serial Number Location

Record the engine serial number, type and purchase date in the space below. You will need this information when ordering parts and when making technical or warranty inquiries.



Engine serial number	r:		. –	 	_	 	
Engine type: _			_				
Date Purchased:	1	1					

Battery Connections for Electric Starter

Recommended Battery

GX610	
GX620	12 V – 45 Ah
GX670	

Be careful not to connect the battery in reverse polarity, as this will short circuit the battery charging system. Always connect the positive (+) battery cable to the battery terminal before connecting the negative (-) battery cable, so your tools cannot cause a short circuit if they touch a grounded part while tightening the positive (+) battery cable end.

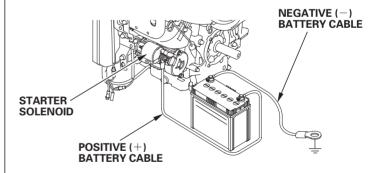
A WARNING

A battery can explode if you do not follow the correct procedure, seriously injuring anyone nearby.

Keep all sparks, open flames, and smoking materials away from the battery.

WARNING: Battery posts, terminals, and related accessories contain lead and lead compounds. **Wash hands after handling.**

- 1. Connect the battery positive (+) cable to the starter solenoid terminal as shown.
- 2. Connect the battery negative (—) cable to an engine mounting bolt, frame bolt, or other good engine ground connection.
- 3. Connect the battery positive (+) cable to the battery positive (+) terminal as shown.
- Connect the battery negative (-) cable to the battery negative (-) terminal as shown.
- 5. Coat the terminals and cable ends with grease.

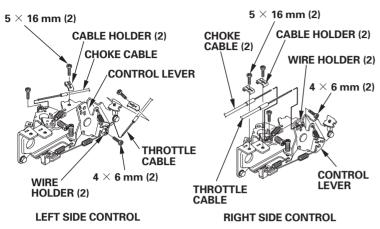


Remote Control Linkage

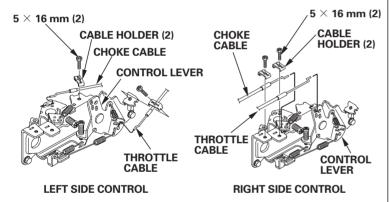
The throttle and choke control levers are provided with holes for optional cable attachment. The following illustrations show installation examples for a solid wire cable and for a flexible, braided wire cable.

REMOTE THROTTLE AND REMOTE CHOKE

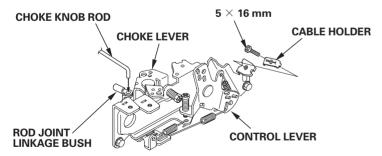
BRAIDED WIRE CABLE TYPE

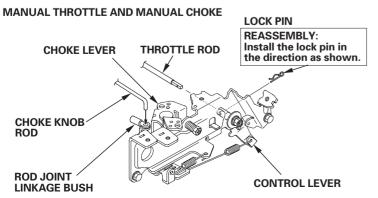


SOLID WIRE CABLE TYPE



REMOTE THROTTLE AND MANUAL CHOKE





Carburetor Modifications for High Altitude Operation

At high altitude, the standard carburetor air-fuel mixture will be too rich. Performance will decrease, and fuel consumption will increase. A very rich mixture will also foul the spark plug and cause hard starting. Operation at an altitude that differs from that at which this engine was certified, for extended periods of time, may increase emissions.

High altitude performance can be improved by specific modifications to the carburetor. If you always operate your engine at altitudes above 1,500 meters (5,000 feet), have your servicing dealer perform this carburetor modification. This engine, when operated at high altitude with the carburetor modifications for high altitude use, will meet each emission standard throughout its useful life.

Even with carburetor modification, engine horsepower will decrease about 3.5% for each 300-meter (1,000-foot) increase in altitude. The effect of altitude on horsepower will be greater than this if no carburetor modification is made.

NOTICE

When the carburetor has been modified for high altitude operation, the air-fuel mixture will be too lean for low altitude use. Operation at altitudes below 1,500 meters (5,000 feet) with a modified carburetor may cause the engine to overheat and result in serious engine damage. For use at low altitudes, have your servicing dealer return the carburetor to original factory specifications.

Emission Control System Information

Source of Emissions

The combustion process produces carbon monoxide, oxides of nitrogen, and hydrocarbons. Control of hydrocarbons and oxides of nitrogen is very important because, under certain conditions, they react to form photochemical smog when subjected to sunlight. Carbon monoxide does not react in the same way, but it is toxic.

Honda utilizes appropriate air/fuel ratios and other emissions control systems to reduce the emissions of carbon monoxide, oxides of nitrogen, and hydrocarbons.

Additionally, Honda fuel systems utilize components and control technologies to reduce evaporative emissions.

The U.S., California Clean Air Acts and Environment Canada

EPA, California and Canadian regulations require all manufacturers to furnish written instructions describing the operation and maintenance of emission control systems.

The following instructions and procedures must be followed in order to keep the emissions from your Honda engine within the emission standards.

Tampering and Altering

Tampering with or altering the emission control system may increase emissions beyond the legal limit. Among those acts that constitute tampering are:

- Removal or alteration of any part of the intake, fuel, or exhaust systems.
- Altering or defeating the governor linkage or speed-adjusting mechanism to cause the engine to operate outside its design parameters.

Problems That May Affect Emissions

If you are aware of any of the following symptoms, have your engine inspected and repaired by your servicing dealer.

- Hard starting or stalling after starting.
- Rough idle.
- Misfiring or backfiring under load.
- Afterburning (backfiring).
- Black exhaust smoke or high fuel consumption.

Replacement Parts

The emission control systems on your Honda engine were designed, built, and certified to conform with EPA, California (models certified for sale in California), and Canadian emission regulations. We recommend the use of Honda Genuine parts whenever you have maintenance done. These original-design replacement parts are manufactured to the same standards as the original parts, so you can be confident of their performance. The use of replacement parts that are not of the original design and quality may impair the effectiveness of your emission control system.

A manufacturer of an aftermarket part assumes the responsibility that the part will not adversely affect emission performance. The manufacturer or rebuilder of the part must certify that use of the part will not result in a failure of the engine to comply with emission regulations.

Maintenance

Follow the maintenance schedule on page 6. Remember that this schedule is based on the assumption that your machine will be used for its designed purpose. Sustained high-load or high-temperature operation, or use in unusually wet or dusty conditions, will require more frequent service.

Air Index

(Models certified for sale in California)

An Air Index Information label is applied to engines certified to an emission durability time period in accordance with the requirements of the California Air Resources Board.

The bar graph is intended to provide you, our customer, the ability to compare the emissions performance of available engines. The lower the Air Index, the less pollution.

The durability description is intended to provide you with information relating to the engine's emission durability period. The descriptive term indicates the useful life period for the engine's emission control system. See your Emission Control System Warranty for additional information.

Descriptive Term	Applicable to Emissions Durability Period
Moderate	50 hours $[0-80 \text{ cm}^3 (0-80 \text{ cc}) \text{ inclusive}]$
	125 hours [greater than 80 cm³ (80 cc)]
Intermediate	125 hours $[0-80 \text{ cm}^3 (0-80 \text{ cc}) \text{ inclusive}]$
	250 hours [greater than 80 cm³ (80 cc)]
Extended	300 hours $[0-80 \text{ cm}^3 (0-80 \text{ cc}) \text{ inclusive}]$
	500 hours [greater than 80 cm³ (80 cc)]
	1,000 hours [225 cm³ (225 cc) and greater]

Specifications

GX610 (QAF-Type)

Length $ imes$ Width $ imes$	388 imes 457 imes 452 mm
Height	$(15.3 \times 18.0 \times 17.8 \text{ in})$
Dry mass [weight]	42.1 kg (92.8 lbs)
Engine type	4-stroke, overhead valve, 2 cylinders (90° V-Twin)
Displacement	614 cm³ (37.5 cu-in)
[Bore × Stroke]	$[77.0 \times 66.0 \mathrm{mm} (3.03 \times 2.60 \mathrm{in})]$
Net power	12.4 kW (16.9 PS, 16.6 bhp) at 3,600 rpm
(in accordance with SAE J1349*)	
Max. Net torque	39.6 N·m (4.04 kgf·m, 29.2 lbf·ft)
(in accordance with SAE J1349*)	at 2,500 rpm
Engine oil capacity	Without oil filter replacement:
	approximately
	1.1 L (1.2 US qt, 1.0 Imp qt)
	With oil filter replacement:
	approximately
	1.4 L (1.5 US qt, 1.2 Imp qt)
Cooling system	Forced air
Ignition system	Transistor magneto
PTO shaft rotation	Counterclockwise

 Longth / Width / 200 / 457 / 452 mans	
Length $ imes$ Width $ imes$	388 imes 457 imes 452 mm
Height	$(15.3 \times 18.0 \times 17.8 \text{ in})$
Dry mass [weight]	42.1 kg (92.8 lbs)
Engine type	4-stroke, overhead valve, 2 cylinders (90° V-Twin)
Displacement	614 cm³ (37.5 cu-in)
[Bore \times Stroke]	$[77.0 \times 66.0 \text{ mm} (3.03 \times 2.60 \text{ in})]$
Net power	13.5 kW (18.4 PS, 18.1 bhp) at 3,600 rpm
(in accordance with SAE J1349*)	
Max. Net torque	40.6 N·m (4.14 kgf·m, 29.9 lbf·ft) at
(in accordance with SAE J1349*)	2,500 rpm
Engine oil capacity	Without oil filter replacement:
	approximately
	1.1 L (1.2 US qt, 1.0 lmp qt)
	With oil filter replacement:
	approximately
	1.4 L (1.5 US qt, 1.2 Imp qt)
Cooling system	Forced air
Ignition system	Transistor magneto
PTO shaft rotation	Counterclockwise

win)
]
rpm
ıt

*The power rating of the engine indicated in this document is the net power output tested on a production engine for the engine model and measured in accordance with SAE J1349 at 3,600 rpm (Net Power) and at 2,500 rpm (Max. Net Torque). Mass production engines may vary from this value. Actual power output for the engine installed in the final machine will vary depending on numerous factors, including the operating speed of the engine in application, environmental conditions, maintenance, and other variables.

Tuneup Specifications GX610/620/670

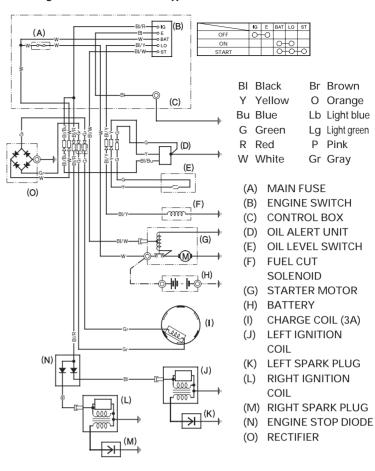
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ITEM	SPECIFICATION	MAINTENANCE		
Spark plug gap	0.7-0.8 mm	Refer to page 10		
	(0.028-0.031 in)			
Idle speed	1,400 \pm 150 rpm	See your authorized		
	-	Honda dealer		
Valve clearance	IN: 0.15 \pm 0.02 mm	See your authorized		
(cold)	EX: 0.20 \pm 0.02 mm	Honda dealer		
Other specifications	No other adjustments needed.			

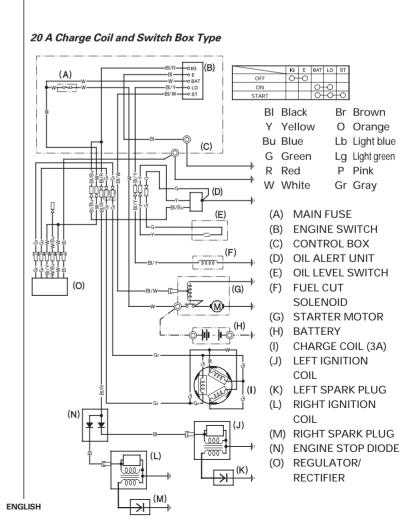
Quick Reference Information

Fuel Unleaded gasoline (Refer to page 7). U. S. Pump octane rating 86 or higher Except Research octane rating 91 or higher U. S. Pump octane rating 91 or higher Pump octane rating 86 or higher SAE 10W-30, API SJ or later, for general use. Refer to page 7. Spark plug ZGR5A (NGK) J16CR-U (DENSO) Maintenance Before each use: Check engine oil level. Refer to page 7. Check air filter. Refer to page 9. First 20 hours: Change engine oil. Refer to page 8. Subsequent: Pefer to the maintenance schedule on page 6.	Quick Hereite	••			
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Subsequent:		First 20 hours:			
·		Change engine oil. Refer to page 8.			
Pefer to the maintenance schedule on page 6		Subsequent:			
Note: to the maintenance schedule on page o.		Refer to the maintenance schedule on page 6.			

Wiring Diagrams

3 A Charge Coil and Switch Box Type





CONSUMER INFORMATION

DISTRIBUTOR/DEALER LOCATOR INFORMATION

United States, Puerto Rico, and U.S. Virgin Islands:

Visit our website: www.honda-engines.com

Canada:

Call (888) 9HONDA9

or visit our website: www.honda.ca

For European Area:

visit our website: http://www.honda-engines-eu.com

CUSTOMER SERVICE INFORMATION

Servicing dealership personnel are trained professionals. They should be able to answer any question you may have. If you encounter a problem that your dealer does not solve to your satisfaction, please discuss it with the dealership's management. The Service Manager, General Manager, or Owner can help. Almost all problems are solved in this way.

United States, Puerto Rico, and U.S. Virgin Islands:

If you are dissatisfied with the decision made by the dealership's management, contact the Honda Regional Engine Distributor for your area.

If you are still dissatisfied after speaking with the Regional Engine Distributor, you may contact the Honda Office as shown.

All Other Areas:

If you are dissatisfied with the decision made by the dealership's management, contact the Honda Office as shown.

《Honda's Office》

When you write or call, please provide this information:

- Equipment manufacturer's name and model number that the engine is mounted on
- Engine model, serial number, and type (see page 14)
- Name of dealer who sold the engine to you
- Name, address, and contact person of the dealer who services your engine
- Date of purchase
- Your name, address and telephone number
- A detailed description of the problem

United States, Puerto Rico, and U.S. Virgin Islands:

American Honda Motor Co., Inc.

Power Equipment Division Customer Relations Office 4900 Marconi Drive

Alpharetta, GA 30005-8847

Or telephone: (770) 497-6400, 8:30 am - 7:00 pm ET

Canada:

Honda Canada, Inc.

715 Milner Avenue Toronto, ON M1B 2K8

Telephone: (888) 9HONDA9 Toll free

(888) 946-6329

(416) 299-3400 Local Toronto dialing area

Facsimile: (877) 939-0909 Toll free

(416) 287-4776 Local Toronto dialing area

Australia:

Honda Australia Motorcycle and Power Equipment Pty. Ltd.

1954 – 1956 Hume Highway Campbellfield Victoria 3061

Telephone: (03) 9270 1111 Facsimile: (03) 9270 1133

For European Area:

Honda Europe NV.

European Engine Center

http://www.honda-engines-eu.com

All Other Areas:

Please contact the Honda distributor in your area for assistance.



ENGLISH 19

HONDA GX610.GX620

PREFACE

This manual covers the construction, function and servicing procedures of the Honda GX610K1•GX620K1 Vtwin engines.

Careful observance of these instructions will result in better, safer service work.

Pay attention to these symbols and their meaning:

AWARNING Indicates a strong possibility of severe personal injury or loss of life if instructions are not followed.

CAUTION: Indicates a possibility of personal injury or equipment damage if instructions are not followed.

ALL INFORMATION, ILLUSTRATIONS, DIRECTIONS AND SPECIFICATIONS INCLUDED IN THIS PUBLICATION ARE BASED ON THE LATEST PRODUCT INFORMATION AVAILABLE AT THE TIME OF APPROVAL FOR PRINTING. HONDA MOTOR CO., LTD. RESERVES THE RIGHT TO MAKE CHANGES WITHOUT INCURRING ANY OBLIGATION WHATEVER. NO PART OF THIS PUBLICATION MAY BE REPRODUCED WITHOUT WRITTEN PERMISSION.

HONDA MOTOR CO., LTD. SERVICE PUBLICATIONS OFFICE

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1. SPECIFICATIONS

- 1. SPECIFICATIONS
- 2. DIMENSIONS AND WEIGHTS
- 3. PERFORMANCE CURVES

- 4. DIMENSIONAL DRAWINGS
- **5. P.T.O. DIMENSIONAL DRAWINGS**
- 6. WIRING DIAGRAMS

1. SPECIFICATIONS

Model	GX610K1	GX620K1		
Description code	GCAC	GCAD		
Туре	4-stroke, overhead	l valve, 90° V-Twin		
Total displacement	614 cm³ (3	37.5 cu in)		
Bore and stroke	77 x 66 mm	(3.0 x 2.6 in)		
Max. horsepower (Gross)	13.4 kW/3,600 min ⁻¹ (18HP/3,600 rpm)	14.9 kW/3,600 min ⁻¹ (20HP/3,600 rpm)		
Max. torque (Gross)	43.1 N·m (4.39 kgf·m, 31.7 lbf·ft)/2,500 rpm	44.1 N·m (4.50 kgf·m, 32.5 lbf·ft)/2,500 rpm		
Compression ratio	8.3	:1		
Fuel consumption	313 g/kWh (230 g/	/HPh, 0.51 lb/HPh)		
Cooling system	Forced-air Forced-air			
Ignition system	Transistorized magneto ignition			
Ignition timing	20° B.T.D.C.			
Spark plug	ZGR5A (NGK), J16CR-U (DENSO)			
Carburetor	Horizontal type, butterfly valve			
Air cleaner	Dual element type			
Lubricating system	Forced Iu	brication		
Oil capacity	1.50 ℓ (1.59 US qt, 1.32 Imp qt) / with oil filter	replacement: 1.80 ℓ (1.90 US qt, 1.58 lmp qt)		
Starting system	Electric starter / Electric starter and recoil			
Stopping system	Ignition primary circuit ground			
Fuel used	Automotive unleaded gasoline (minimum 86 pump octane)			
P.T.O. shaft rotation	Counterclockwise (viewed from P.T.O. side)			
Governor	Centrifuga	al governor		

2. DIMENSIONS AND WEIGHTS

GX610K1:

GX620K1:

Item	Гуреѕ	QAF	QAF	VXE8	SAE1
Length	mm (in)	388 (15.3)	-	408 (16.1)	379 (15.0)
Width	mm (in)	457 (18.0)	4	-	—
Height	mm (in)	452 (17.8)	-	-	-
Dry weight	kg (lb)	42 (92.6)	4	4	—
Operating weight	kg (lb)	43 (94.8)	-	4	4

1. SPECIFICATIONS

HONDA GX610.GX620

- 1. SPECIFICATIONS
- 2. DIMENSIONS ET POIDS
- 3. COURBES DE PERFORMANCES
- 4. SCHEMAS DIMENSIONNELS

- 5. SCHEMAS DIMENSIONNELS DE PRISE DE FORCE
- 6. SCHEMAS DE CABLAGE

1. SPECIFICATIONS

Modèle	GX610K1 GX620K1			
Code de description	GCAC GCAD			
Туре	Moteur à 4 temps, à soupapes	en tête, bicylindre en V à 90°		
Cylindrée		37,5 cu in)		
Alésage et course	77 x 66 mm	(3,0 x 2,6 in)		
Puissance maximum (Brute)	13,4 kW/3.600 min ⁻¹ (18 ch/3.600 tr/min)	14,9 kW/3.600 min ⁻¹ (20 ch/3.600 tr/min)		
Couple maximum (Brut)	43,1 N·m (4,39 kgf·m)/2.500 tr/min	44,1 N·m (4,50 kgf·m)/2.500 tr/min		
Taux de compression	8,3	:1		
Consommation de carburant	313 g/kWh	(230 g/ch)		
Système de refroidissement	Air sous pression			
Système d'allumage	Allumage transistorisé par magnéto			
Avance à l'allumage	20° Avant PMH			
Bougie	ZGR5A (NGK), J16CR-U (DENSO)			
Carburateur	Horizontal, à papillon			
Filtre à air	A deux éléments			
Système de graissage	Graissage so	ous pression		
Capacité d'huile	1,50 ℓ / avec changement	nt du filtre à huile: 1,80 l		
Système de démarrage	Démarreur électrique/Démarreur élec			
Système d'arrêt	Mise à la masse du circuit primaire d'allumage			
Carburant utilisé	Essence sans plomb pour moteur automobile (indice d'octane à la pompe 86)			
Rotation de l'arbre de prise de force	Dans le sens contraire des aiguilles d'une montre (vu du côté prise de force)			
Régulateur	Régulateur centrifuge			

2. DIMENSIONS ET POIDS

GX610K1:

GX620K1:

Dimensions	Types	QAF	QAF	VXE8	SAE1
Longueur	mm	388	—	408	379
Largeur	mm	457	4	4 ——	4
Hauteur	mm	452	4	4	4
Poids à sec	kg	42	—	4	
Poids en ordre marche	de kg	43	-	—	4

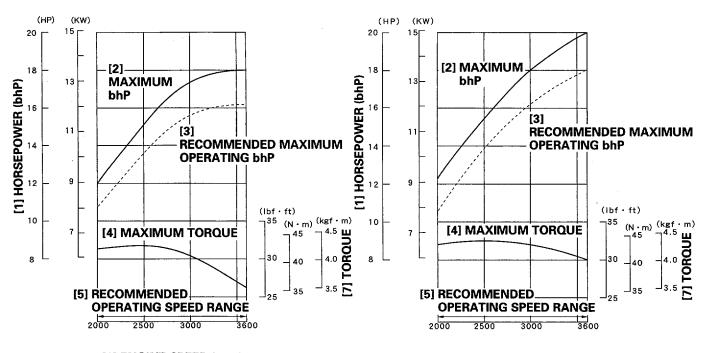
3. PERFORMANCE CURVES

Power curves are according to SAE standard No. J-1995. For practical operations, the bhp load and engine speed should not exceed the limit defined by the "Recommended Maximum Operating bhp" curve.

Continuous operation should not exceed 80% of the "Maximum bhp".



GX620K1:



[6] ENGINE SPEED (rpm)

[6] ENGINE SPEED (rpm)

3. COURBES DE PERFORMANCES

Les courbes de puissance sont conformes à la norme SAE N°J-1995. Pour des opérations pratiques, la charge à la puissance au frein et le régime du moteur ne doivent pas dépasser la limite définie par la courbe de puissance au frein maximum recommandée.

Le fonctionnement en continu ne devra pas dépasser 80% de la puissance au frein maximum.

GX610K1.620K1:

- [1] PUISSANCE (puissance au frein)
- [2] PUISSANCE AU FREIN MAXIMUM
- [3] PUISSANCE AU FREIN MAXIMUM DE SERVICE
- [4] COUPLE MAXIMUM
- [5] GAMME DE REGIME DE FONCTIONNEMENT RECOMMANDEE
- [6] REGIME DU MOTEUR (tr/min)
- [7] COUPLE

3. LEISTUNGSKURVEN

Die Leistungskurven entsprechen der SAE-Norm Nr. J-1995. Im praktischen Einsatz dürfen Brems-PS-Last und Motordrehzahl die durch die Kurve "Empfohlene max. Betriebs-Brems-PS" definierten Grenzen nicht überschreiten.

Bei Dauerbetrieb dürfen 80% der "Max. Brems-PS" nicht überschritten werden.

GX610K1+620K1:

- [1] LEISTUNG (Brems-PS)
- [2] MAX. BREMS-PS
- [3] EMPFOHLENE MAX. BETRIEBS-BREMS-PS
- [4] HÖCHSTDREHMOMENT
- [5] EMPFOHLENER
- BETRIEBSDREHZAHLBEREICH
- [6] MOTORDREHZAHL (U/min)
- [7] DREHMOMENT

3. CURVAS DE RENDIMIENTO

Las curvas de rendimiento cumplen con la norma SAE número J-1995. Para las operaciones prácticas, la carga de bhp y la velocidad del motor no deben exceder del límite definido por la curva "bhp de operación máxima recomendada".

La operación continua no debe exceder del 80% de la "bhp máxima".

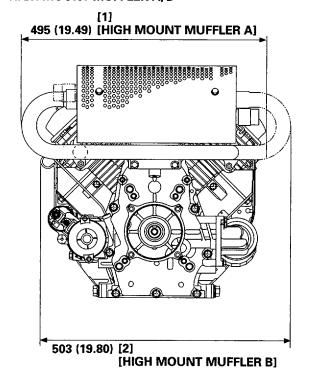
GX610K1 • 620K1:

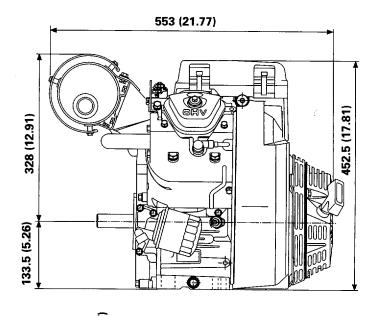
- [1] POTENCIA EN CABALLOS (bhp)
- [2] bhp MÁXIMA
- [3] bhp DE OPERACIÓN MÁXIMA RECOMENDADA
- [4] PAR DE TORSIÓN MÁXIMO
- [5] MARGEN DE VELOCIDAD DE OPERACIÓN RECOMENDADA
- [6] VELOCIDAD DEL MOTOR (rpm)
- [7] PAR DE TORSIÓN

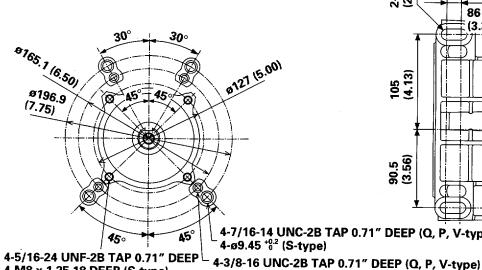
4. DIMENSIONAL DRAWINGS

HIGH MOUNT MUFFLER A/B

Unit: mm (in)







2-11 x 27 SLOT (2-0.43 x 1.06 SLOT) (0.43)16 61 16 (0.63) (2.40) (0.63)86 (3.39)105 (4.13) щ 56 8 E 4-7/16-14 UNC-2B TAP 0.71" DEEP (Q, P, V-type)

4-M8 x 1.25 18 DEEP (S-type)

4. SCHEMAS DIMENSIONNELS SILENCIEUX A MONTURE SURELEVEE A/B Unité: mm

[1] [SILENCIEUX A MONTURE SURELEVEE A]
[2] [SILENCIEUX A MONTURE SURELEVEE B]

VERS CENTRE DU MOTEUR FILET 4-5/16-24 UNF-2B PROFONDEUR 0,71" 4-M8 x 1,25 PROFONDEUR 18 (Type S) FILET 4-7/16-14 UNC-2B PROFONDEUR 0,71" (Type Q, P, V) 4-89,45" (Type S) FILET 4-3/8-16UNC-2B PROFONDEUR 0,71"

(Type Q, P, V) 4-M10 x 1,25 PROFONDEUR 18 (Type S)

4. MASSZEICHNUNGEN HOCHGESETZTER SCHALLDÄMPFER A/B

4-M10 x 1.25 18 DEEP (S-type)

Einheit: mm

[1] [HOCHGESETZTER SCHALLDÄMPFER A] [2] [HOCHGESETZTER SCHALLDÄMPFER B] [3] ZU MOTORMITTE

4-5/16-24UNF-2B BOHRUNG 0.71" TIEF 4-5/16-24UNF-2B BOHRUNG 0,71" TIEF 4-M8 x 1,25 18 TIEF (S-Typ) 4-7/16-14UNC-2B BOHRUNG 0,71" TIEF (Typen Q, P, V)4-ø9,45° (S-TYP) 4-3/8-16UNC-2B BOHRUNG 0,71" TIEF (Typen Q, P, V) 4-M10 x 1,25 18 TIEF (S-Typ)

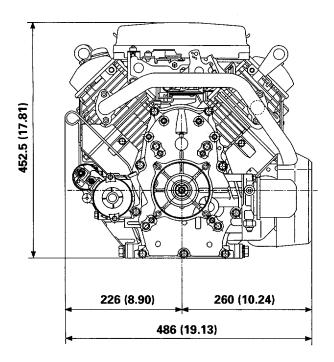
4. DIBUJOS ACOTADOS SILENCIADOR DE MONTAJE EN ALTO A/B

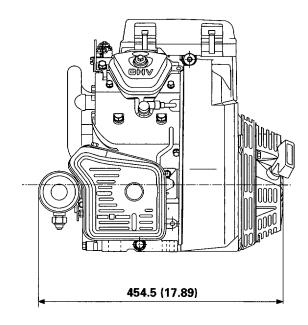
Unidad: mm [1] [SILENCIADOR DE MONTAJE EN ALTO A]

[2] [SILENCIADOR DE MONTAJE EN ALTO B]

[3] AL CENTRO DEL MOTOR 4-5/16-24 UNF-2B ROSCA, 0,71" FONDO 4-M8 x 1,25, 18 FONDO (Tipo S) 4-7/16-14 UNC-2B ROSCA, 0,71" FONDO (Tipo Q, P, V) 4-ø9,45° (Tipo S) 4-3/8-16 UNC-2B ROSCA, 0,71" FONDO (Tipo Q, P, V) 4-M10 x 1,25, 18 FONDO (Tipo S)

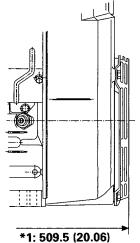
SIDE MOUNT MUFFLER Unit: mm (in)



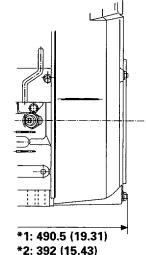


[1] FAN COVER PROTECTOR TYPE/SCREEN GRID TYPE

[2]
FLYWHEEL PTO TYPE/
PROTECTOR TYPE (STANDARD)



*1: 509.5 (20.06 *2: 411 (16.18)



[3] *1: Overall width of high mount muffler A/B types.

[4] *2: Overall width of side mount muffler type.

SILENCIEUX A MONTURE LATERALE

Unité: mm

- [1] TYPE PROTECTEUR DE COUVERCLE DE VENTILATEUR/TYPE GRILLE D'ECRAN
- [2] TYPE PRISE DE FORCE VOLANT/TYPE PROTECTEUR (STANDARD)
- [3] *1: Largeur totale du silencieux à monture surélevée types A/B.
- [4] *2: Largeur totale du silencieux à monture latérale.

SEITLICH MONTIERTER SCHALLDÄMPFER

Einheit: mm

- [1] LÜFTERDECKELSCHUTZTYP/ ABSCHIRMGITTERTYP
- [2] SCHWUNGRAD-ABTRIEBSTYP/ SCHUTZTYP (STANDARD)
- [3] *1: Gesamtbreite von A/B-Typen mit hochgesetztem Schalldämpfer.
- [4] *2: Gesamtbreite eines Typs mit seitlich montiertem Schalldämpfer.

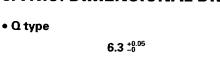
SILENCIADOR DE MONTAJE LATERAL

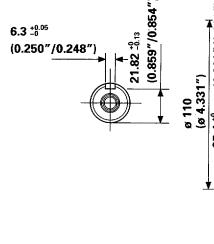
Unidad: mm

- [1] TIPO DE PROTECTOR DE CUBIERTA DE VENTILADOR/TIPO DE REJILLA DE MALLA
- [2] TIPO DE PTO DEL VOLANTE/TIPO PROTECTOR (ESTÁNDAR)
- [3] *1: Anchura total de los silenciadores de montaje en alto tipo A/B.
- [4] *2: Anchura total del silenciador de montaje lateral.

Unit: mm (in)

5. P.T.O. DIMENSIONAL DRAWINGS





(1.000"/0.999 50 (1.97") Ø 25.4 +0.025 3/8-24 UNF 2B TAB 18 (0.71")18 (0.71")18 (0.71")28

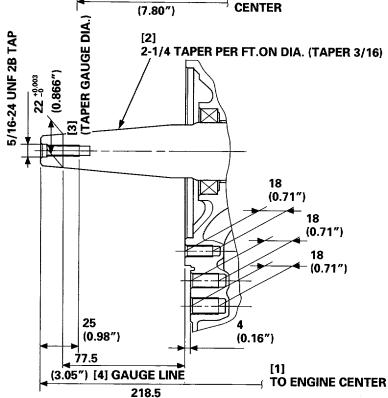
(0.16")

TO ENGINE

(1.10")

74 (2.91")198

V type



5. SCHEMAS DIMENSIONNELS DE PRISE DE FORCE

Unité: mm

- Type Q
- [1] VERS CENTRE DU MOTEUR
- · Type V
- [1] VERS CENTRE DU MOTEUR
- [2] CONICITE 2-1/4 FT. DIA. (CONICITE 3/16)
- [3] (DIA. DE JAUGÉ D'EPAISSEUR)
- [4] LIGNE DE MESURE

5. ABTRIEBS-(8.60")**MASSZEICHNUNGEN**

Einheit: mm

- Q-Typ
- [1] ZÚ MOTORMITTE

- V-Typ
 [1] ZU MOTORMITTE
 [2] 2-1/4 KONUS PRO FUSS DURCHM. (KONUS 3/16)
- [3] (KONUSLEHRENDURCHM.)
- [4] LEHRENLINIE

5. DIBUJOS ACOTADOS DE LA P.T.O.

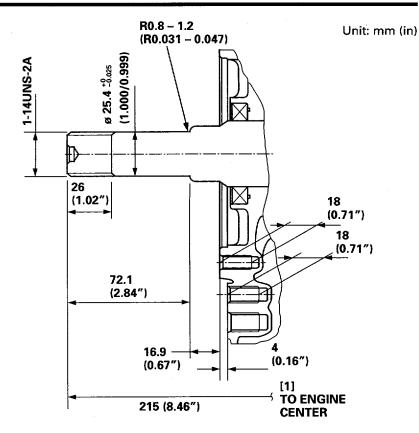
Unidad: mm

- Tipo Q [1] AL CENTRO DEL MOTOR
- Tipo V
- [1] AL CENTRO DEL MOTOR [2] 2-1/4 DE CONICIDAD POR PIE DIÁMETRO (CONICIDAD 3/16)
- [3] (DIÁMETRO DE CALIBRADOR DE CONICIDAD)
- [4] LÍNEA DEL CALIBRADOR

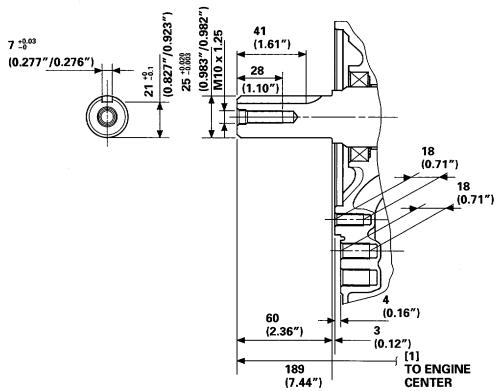
HONDA

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• S type



Unité: mm

Type P

[1] VERS CENTRE DU MOTEUR

P-Typ

[1] ZU MOTORMITTE

Tipo P

[1] AL CENTRO DEL MOTOR

Type S

[1] VERS CENTRE DU MOTEUR

1 JU MOTORMITTE

1 JU MOTORMITTE

1 JAL CENTRO DEL MOTOR

6. WIRING DIAGRAMS

MFu MAIN FUSE ESW ENGINE SWITCH CBx CONTROL BOX

Re.Rf REGULATOR/RECTIFIER

Rf RECTIFIER
OAU OIL ALERT UNIT
OLSW OIL LEVEL SWITCH

FCSV FUEL CUT SOLENOID VALVE

SM STARTER MOTOR

BAT BATTERY
UL USER LOAD
ChC CHARGE COIL

Egstd Engine Stop Diode
L. IgC LEFT IGNITION COIL
R. IgC RIGHT IGNITION COIL
L. SP LEFT SPARK PLUG
R. SP RIGHT SPARK PLUG

BI	BLACK	Br	BROWN
Υ	YELLOW	0	ORANGE
Bu	BLUE	Lb	LIGHT BLUE
G	GREEN	Lg	LIGHT GREEN
R	RED	Р	PINK
W	WHITE	Gr	GRAY

ENGINE SWITCH

	IG	E	BAT	LO	ST
OFF	b	0			
ON			0-	9	
ST			0	þ	9

6. SCHEMAS DE CABLAGE

MFu FUSIBLE PRINCIPAL **ESw** INTERRUPTEUR DU MOTEUR CBx BOITIER DE COMMUTATION Re.Rf REGULATEUR/REDRESSEUR Rf REDRESSEUR OAU ALARME DE BAS NIVEAU D'HUILE OLSw CONTACTEUR DE NIVEAU D'HUILE SOUPAPE A SOLENOIDE DE COUPURE DE **FCSV** CARBURANT SM DEMARREUR BAT BATTERIE UL CHARGE UTILE ChC **BOBINE DE CHARGE** EgSTD DIODE D'ARRET DU MOTEUR L. IgC BOBINE D'ALLUMAGE GAUCHE BOBINE D'ALLUMAGE DROITE R. IgC L. SP **BOUGIE GAUCHE** R. SP **BOUGIE DROITE**

Bl	NOIR	Br	MARRON	_
Y	JAUNE	0	ORANGE	
Bu	BLEU	Lb	BLEU CLAIR	
G	VERT	Lg	VERT CLAIR	

Gr

ROSE

GRIS

INTERRUPTEUR DU MOTEUR

ROUGE

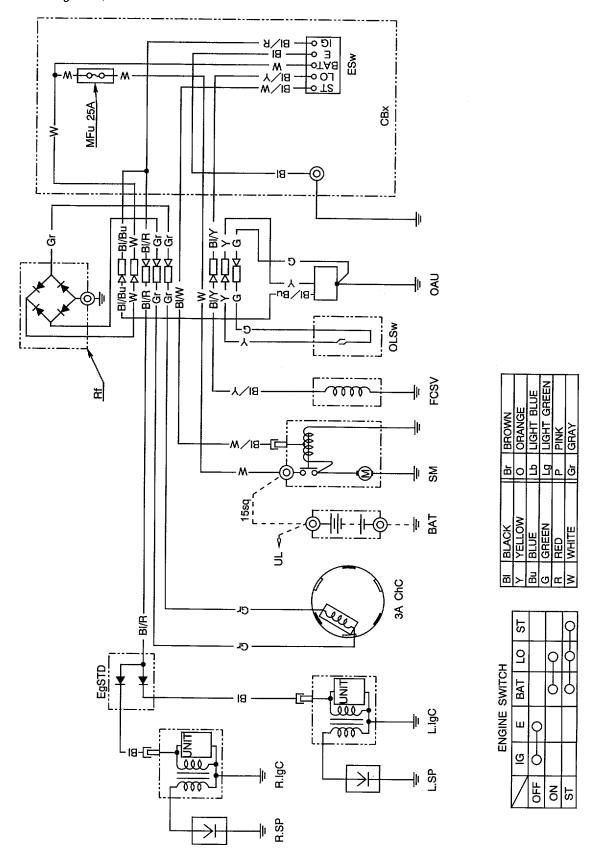
BLANC

R

W

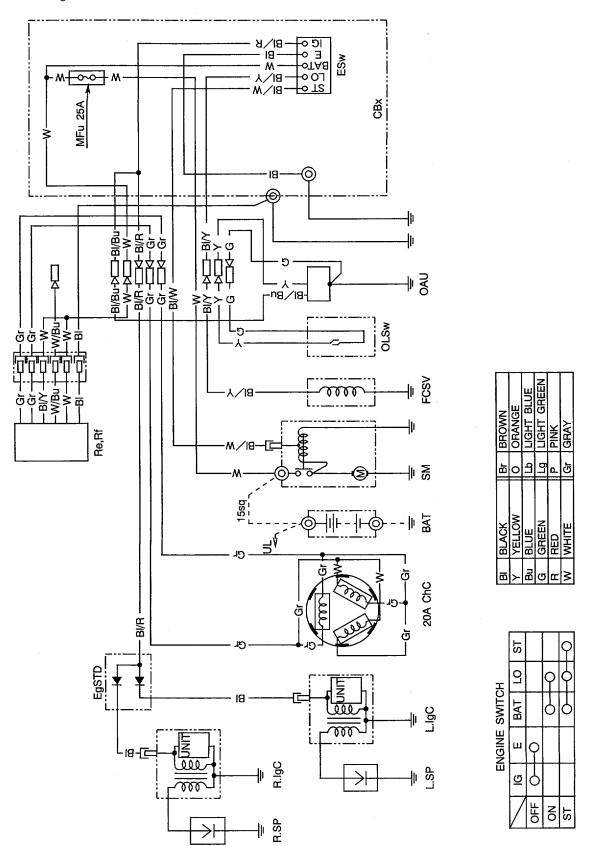
	IG	Е	BAT	LO	ST
OFF	6	9			
ON			\circ	0	
ST			\circ	0	$\overline{}$

(3A Charge coil type) (Type à bobine de charge 3A) (3-A-Ladespulentyp) (Tipo de bobina de carga de 3A)



HONDAGX610•GX620

(20A Charge coil type) (Type à bobine de charge 20A) (20-A-Ladespulentyp) (Tipo de bobina de carga de 20A)



2. SERVICE INFORMATION



- 1. THE IMPORTANCE OF PROPER SERVICING
- 2. IMPORTANT SAFETY PRECAUTIONS
- 3. SERVICE RULES
- 4. SERIAL NUMBER LOCATION
- 5. MAINTENANCE STANDARDS

- 6. TORQUE VALUES
- 7. SPECIAL TOOLS
- 8. TROUBLESHOOTING
- 9. HARNESS ROUTING

1. THE IMPORTANCE OF PROPER SERVICING

Proper servicing is essential to the safety of the operator and the reliability of the engine. Any error or oversight made by the technician while servicing can easily result in faulty operation, damage to the engine or injury to the operator.

AWARNING

Improper servicing can cause an unsafe condition that can lead to serious injury or death. Follow the procedures and precautions in this shop manual carefully.

Some of the most important precautions are given below. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance or repairs. Only you can decide whether or not you should perform a given task.

AWARNING

Failure to follow maintenance instructions and precautions can cause you to be seriously hurt or killed. Follow the procedures and precautions in this shop manual carefully.

2. IMPORTANT SAFETY PRECAUTIONS

Be sure you have a clear understanding of all basic shop safety practices and that you are wearing appropriate clothing and safety equipment. When performing maintenance or repairs, be especially careful of the following:

Read the instructions before you begin, and be sure you have the tools and skills required to perform the tasks safely.

Be sure the engine is off before you begin any maintenance or repairs. This will reduce the possibility of several hazards:

- Carbon monoxide poisoning from engine exhaust.
 Be sure there is adequate ventilation whenever you run the engine.
- Burns from hot parts.
 Let the engine cool before you touch it.
- Injury from moving parts.

Do not run the engine unless the instruction tells you to do so. Even then, keep your hands, fingers, and clothing away.

To reduce the possibility of a fire or explosion, be careful when working around gasoline. Use only a nonflammable solvent, not gasoline, to clean parts. Keep all cigarettes, sparks, and flames away from all fuel-related parts.

HONDAGX610•GX620

3. SERVICE RULES

- 1. Use genuine Honda or Honda-recommended parts and lubricants or their equivalents. Parts that do not meet Honda's design specifications may damage the engine.
- 2. Use the special tools designed for the product.
- 3. Install new gaskets, O-rings, etc. when reassembling.
- 4. When torquing bolts or nuts, begin with larger-diameter or inner bolts first and tighten to the specified torque diagonally, unless a particular sequence is specified.
- 5. Clean parts in cleaning solvent upon disassembly. Lubricate any sliding surfaces before reassembly.
- 6. After reassembly, check all parts for proper installation and operation.
- 7. Many screws used in this machine are self-tapping. Be aware that cross-threading or overtightening these screws will strip the threads and ruin the hole.
- 8. Use only metric tools when servicing this engine. Metric bolts, nuts and screws are not interchangeable with non-metric fasteners. The use of incorrect tools and fasteners will damage the engine.
- 9. Follow the instructions represented by these symbols when they are used:



GREASE : Apply grease

S. TOOL

: Use special tool



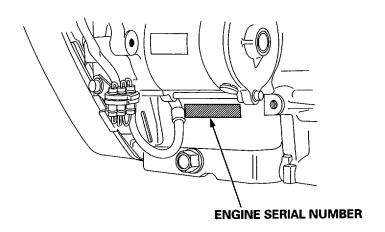
: Apply oil

○ x ○ (○): Indicates the diameter, length, and number of the flange bolt used.

P. : Indicates the reference page.

4. SERIAL NUMBER LOCATION

The engine serial number is stamped on the cylinder barrel. Refer to this when ordering parts or making technical inquiries.



5. MAINTENANCE STANDARDS

Part	ltem	Standard	Service Limit
Engine	Maximum speed (See page 6-2) Idle speed Cylinder compression	3,150 ± 150 rpm 3,200 ± 150 rpm 3,850 ± 150 rpm 1,400 ± 150 rpm 6.0 – 8.0 kgf/cm² (85 – 114 psi) at 500 rpm	
Cylinder	Sleeve I.D.	77.000 mm (3.0315 in)	77.17 mm (3.038 in)
Cylinder head	Warpage		0.10 mm (0.004 in)
Piston	Skirt O.D. Piston-to-cylinder clearance Piston pin bore I.D. Pin O.D. Piston-to-piston pin bore clearance	76.985 mm (3.0309 in) 0.015 – 0.052 mm (0.0006 – 0.0020 in) 18.002 mm (0.7087 in) 18.000 mm (0.7087 in) 0.002 – 0.014 mm (0.0001 – 0.0006 in)	76.85 mm (3.026 in) 0.12 mm (0.005 in) 18.042 mm (0.7103 in) 17.95 mm (0.707 in) 0.08 mm (0.003 in)
Piston ring	Ring side clearance Ring end gap Ring width Top/second Top/second	0.030 – 0.060 mm (0.0012 – 0.0024 in) 0.2 – 0.4 mm (0.01 – 0.02 in) 1.990 mm (0.0783 in)	0.15 mm (0.006 in) 1.0 mm (0.04 in) 1.90 mm (0.075 in)
Connecting rod	Small end I.D. Big end oil clearance Big end axial clearance	18.005 mm (0.7089 in) 0.030 – 0.056 mm (0.0012 – 0.0022 in) 0.20 – 1.10 mm (0.008 – 0.043 in)	18.07 mm (0.711 in) 0.07 mm (0.003 in) 1.3 mm (0.05 in)
Crankshaft	Journal O.D. Main Pin	38.000 mm (1.4961 in) 39.995 mm (1.5746 in)	37.93 mm (1.493 in) 39.93 mm (1.572 in)
Valves	Valve clearance (cold) EX Stem O.D. IN EX Guide I.D. Guide-to-stem clearance IN EX Seat width Spring free length IN/EX	$0.15 \pm 0.02 \text{ mm}$ $0.20 \pm 0.02 \text{ mm}$ 6.590 mm (0.2594 in) 6.550 mm (0.2579 in) 6.600 mm (0.2598 in) $0.010 - 0.040 \text{ mm}$ (0.0004 - 0.0016 in) $0.050 - 0.080 \text{ mm}$ (0.0020 - 0.0031 in) 1.1 mm (0.04 in) 39.0 mm (1.54 in)	6.44 mm (0.254 in) 6.40 mm (0.252 in) 6.66 mm (0.262 in) 0.10 mm (0.004 in) 0.12 mm (0.005 in) 2.0 mm (0.08 in) 37.5 mm (1.48 in)
Valve lifter	Valve lifter shaft O.D. Valve lifter I.D. Valve lifter shaft-to-valve lifter clearance	6.000 mm (0.2362 in) 6.010 mm (0.2366 in) 0.010 – 0.048 mm (0.0004 – 0.0019 in)	5.95 mm (0.234 in) 6.06 mm (0.239 in) 0.10 mm (0.004 in)
Cylinder barrel	Cylinder barrel main journal I.D. Crankshaft axial clearance	38.025 mm (1.4970 in) 0.05 – 0.65 mm (0.002 – 0.026 in)	38.06 mm (1.498 in) 1.0 mm (0.04 in)
Camshaft	Cam height IN/EX Journal O.D.	29.865 mm (1.1758 in) 16.985 mm (0.6687 in)	29.5 mm (1.16 in) 16.9 mm (0.67 in)
Crankcase cover	Camshaft holder I.D. Crankcase cover main journal I.D. Crankshaft side clearance	17.016 mm (0.6699 in) 38.025 mm (1.4970 in) 0.05 – 0.65 mm (0.002 – 0.026 in)	17.06 mm (0.672 in) 38.06 mm (1.498 in) 1.0 mm (0.04 in)
Oil pump	Tip clearance Outer rotor-to-housing clearance Outer rotor-to-pump cover clearance	0.14 mm (0.006 in) 0.15 – 0.21 mm (0.006 – 0.008 in) 0.04 – 0.11 mm (0.002 – 0.004 in)	0.30 mm (0.012 in) 0.30 mm (0.012 in) 0.13 mm (0.005 in)

Part		tem	Standard	Service Limit
Carburetor	Main jet Float height Pilot screw ope	ening	GX610: #92, GX620: #105 14.0 mm (0.55 in) GX610: 1 7/8 turns out, GX620: 1 3/4 turns out	
Spark plug	Gap		0.7 – 0.8 mm (0.028 – 0.031 in)	
Spark plug cap	Resistance		7.5 – 12.5 kΩ	
Ignition coil	Resistance Air gap	Primary coil Secondary coil (at flywheel)	$0.8 - 1.0~\Omega$ 5.9 - 7.1 k Ω 0.4 \pm 0.2 mm (0.016 \pm 0.008 in)	
Starter motor	Brush length Mica depth		10 mm (0.4 in)	6.0 mm (0.23 in) 0.2 mm (0.01 in)
Charge coil	Resistance	3 A 20 A	0.19 – 0.25 Ω 0.08 – 0.12 Ω	

6. TORQUE VALUES

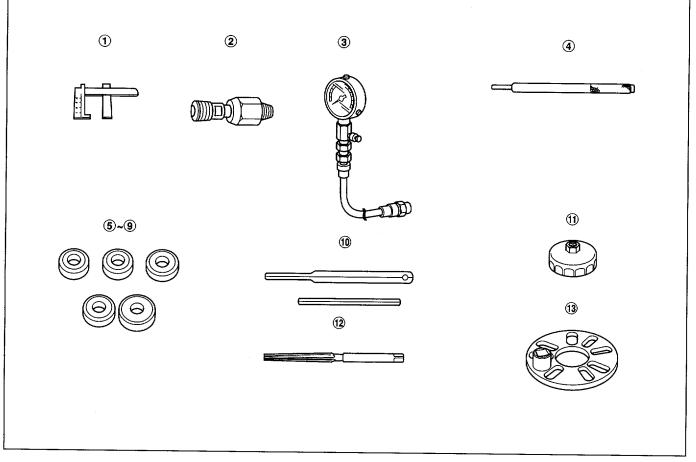
item	Thread dia /mm)	Torque			
item	Thread dia. (mm)	N·m	kgf⋅m	lbf·ft	
Cylinder head bolt	M10 x 1.25	34	3.5	25	
Cylinder head cover bolt	M6 × 1.0	9	0.9	6.5	
Socket bolt	M8 x 1.25	27	2.7	20	
Connecting rod bolt	M6 x 1.0	12	1.2	9	
Spark plug	M14 x 1.25	18	1.8	13	
Oil filter holder	M20 x 1.5	18	1.8	13	
Oil filter cartridge	M20 x 1.5	22	2.2	16	
Flywheel nut	M20 x 1.5 (Special nut)	196	20.0	145	
Cylinder head stud bolt	M8 x 1.25	18	1.8	13	
Pivot bolt	M8 x 1.25	24	2.4	17	
Pivot adjusting nut	M6 x 0.5	10	1.0	7	
Carburetor bolt	M6 x 1.0	9	0.9	6.5	
Oil drain bolt	M14 x 1.5	39	4.0	29	
Oil pressure switch	PT 1/8	9	0.9	6.5	
Fan cover bolt/nut	M6 x 1.0	9	0.9	6.5	
Governor arm nut	M6 x 1.0	11	1.1	8	
Oil level switch joint nut	M10 x 1.25	10	1.0	7	
Valve lifter assembly bolt	M5 x 0.8	5.5	0.55	4.0	
Starter motor terminal nut	M8 x 1.25	9	0.9	6.5	
Fuel pump cover screw	M5	4	0.4	2.9	
Fuel pump washer-screw	M6 x 1.0	9	0.9	6.5	
Oil pump cover assembly bolt	M6 x 1.0	10	1.0	7	
Special bolt	M5 x 0.8	5.5	0.55	4.0	
Sealing bolt	PT 1/8	9	0.9	6.5	
Standard torque values	5 mm screw	4	0.4	2.9	
	5 mm bolt/nut	5	0.5	3.6	
	6 mm screw	9	0.9	6.5	
	6 mm bolt (SH bolt)	9	0.9	6.5	
	6 mm bolt/nut	10	1.0	7	
	6 mm flange bolt/nut	12	1.2	9	
	8 mm bolt/nut	22	2.2	16	
	8 mm flange bolt/nut	27	2.7	20	
	10 mm bolt/nut	34	3.5	25	
	10 mm flange bolt/nut	39	3.9	28	
	12 mm bolt/nut	54	5.5	40	
	6 mm CT flange bolt	12	1.2	9	

NOTE:

- (SH) indicates a small head bolt.
- (CT) indicates a self-tapping bolt.
- (PT) indicates a taper-pipe-thread bolt.

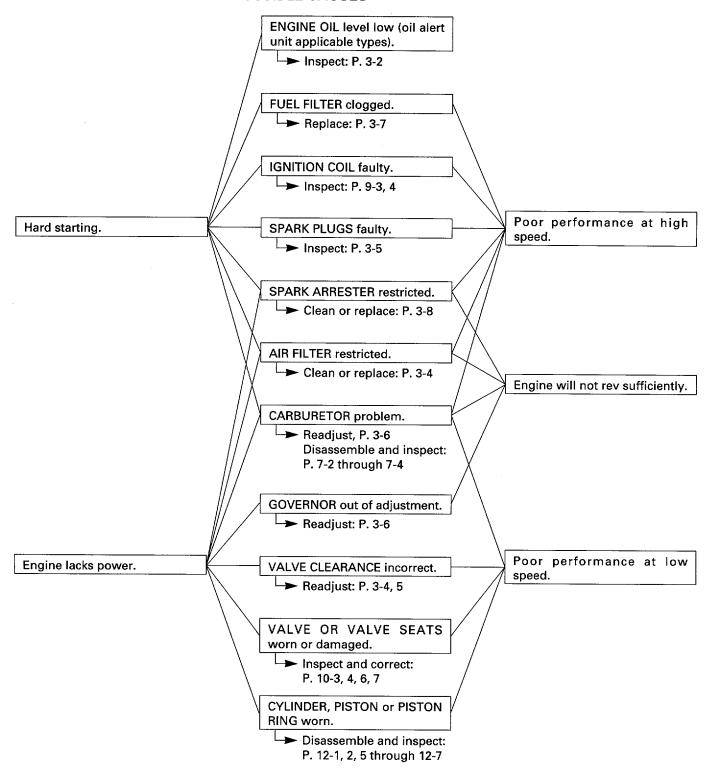
7. SPECIAL TOOLS

Tool name	Tool number	Application	
 Float level gauge Oil pressure gauge attachment Oil pressure gauge Valve guide driver, 6.6 mm Valve seat cutter, 45° ø29 Valve seat cutter, 45° ø33 Valve seat cutter, 32° ø30 Valve seat cutter, 32° ø35 Valve seat cutter, 60° ø30 Cutter holder, 6.6 mm Oil filter wrench Valve guide reamer, 6.6 mm Clutch center holder 	07401 - 0010000 07406 - 0030000 07506 - 3000000 07942 - 6570100 07780 - 0010300 07780 - 0012200 07780 - 0012300 07780 - 0014000 07781 - 0010202 07HAA - PJ70100 07984 - ZE20001 07JMB - MN50301	Carburetor float level inspection Oil pressure inspection Oil pressure inspection Valve guide removal/installation Valve seat reconditioning EX Valve seat reconditioning IN Valve seat reconditioning EX Valve seat reconditioning IN Valve seat reconditioning IN Valve seat reconditioning IN/EX Valve seat reconditioning Oil filter replacement Valve guide reaming Flywheel removal/installation	



8. TROUBLESHOOTING

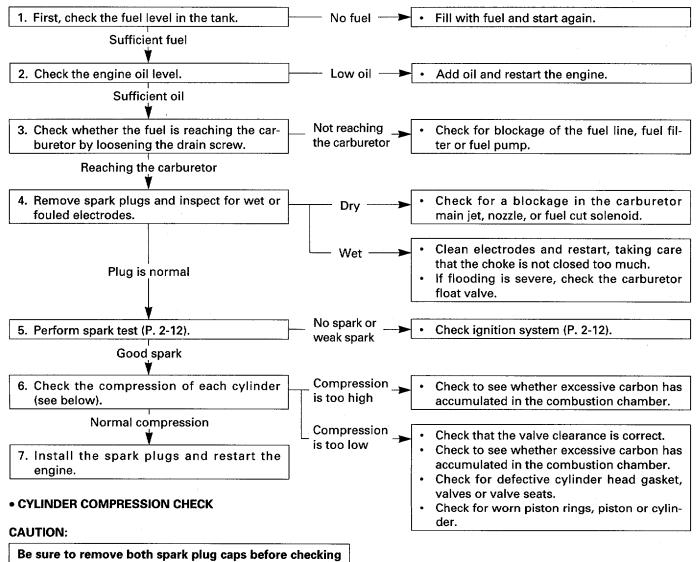
a. GENERAL SYMPTOMS AND POSSIBLE CAUSES



HONDA GX610·GX620

b. HARD STARTING

- · Turn the fuel valve to the ON position.
- If equipped, be sure that the battery cables are connected and check the battery voltage. It must be 12 V or above.



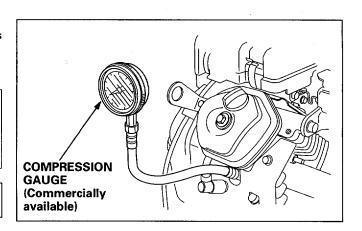
the cylinder compression.

- 1) Disconnect the spark plug caps from the spark plugs and remove both spark plugs.
- 2) Install a compression gauge in the spark plug hole.
- Turn the starter motor ON until stable compression is obtained.

CAUTION:

Do not operate the starter motor for more than 5 seconds at one try. If stable compression is not obtained within 5 seconds, stop the starter motor and wait 10 – 20 seconds to allow the starter motor to cool, and repeat the operation again.

Cylinder	6.0 – 8.0 kgf/cm² (85 – 114 psi)
compression	at 500 min⁻¹ (rpm)



• OIL PRESSURE TEST

- 1) Check the engine oil level (P. 3-2).
- 2) Remove the oil pressure switch or sealing plug.
- 3) Install the oil pressure gauge attachment (special tool) on the oil pressure gauge (special tool) that has a scale calibrated to a maximum of 7 - 10 kgf/cm² (99.6 - 142.2 psi).

TOOLS:

Oil pressure gauge attachment 07406 - 0030000 Oil pressure gauge

07506 - 3000000

CAUTION:

- Tighten the gauge attachment to 9 N·m (0.9 kgf·m,
- Overtightening will damage the threads.
- 4) Start the engine and let it run for approximately 10 minutes. Measure the oil pressure when the engine has reached normal operating temperature.

CAUTION:

To prevent engine damage from low oil pressure, carefully monitor the oil pressure while the engine is warming up.

Specified oil pressure: 2.0 kgf/cm² (28.4 psi).

- 5) If the oil pressure is low, check the oil pump rotors and body for wear (P. 11-3), and check for a sticky relief valve or restricted oil strainer.
- 6) Clean the oil pressure switch threads and apply liquid sealant (THREE BOND 1215, Honda bond 4, or equivalent) to the threads as shown. Install the oil pressure switch and tighten it to the specified torque.

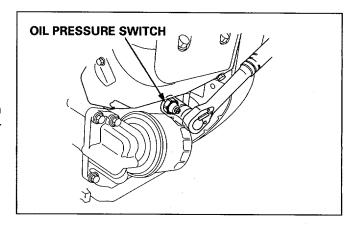
TORQUE: 9 N·m (0.9 kgf·m, 6.5 lbf·ft)

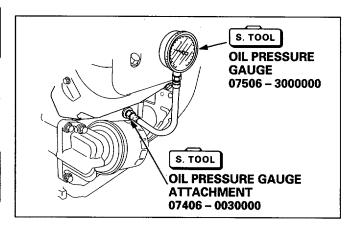
7) Or, protect the sealing plug threads by applying the sealing tape 1.5 to 2 turns and tighten the sealing plug to the specified torque.

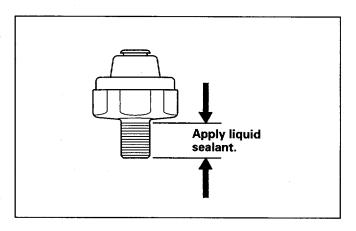
TORQUE: 9 N·m (0.9 kgf·m, 6.5 lbf·ft)

CAUTION:

Be sure to use a torque wrench to tighten the switch or sealing plug. Overtightening may damage the cylinder barrel.

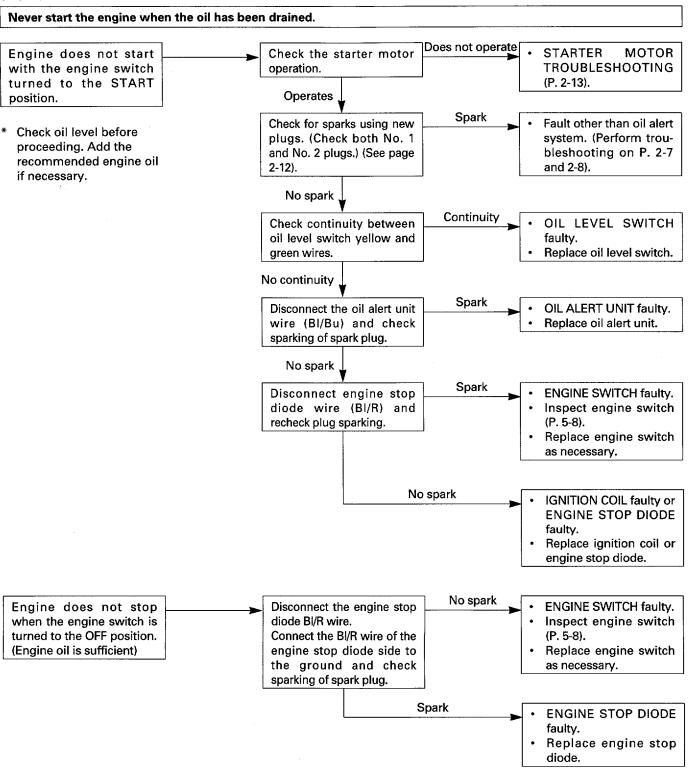


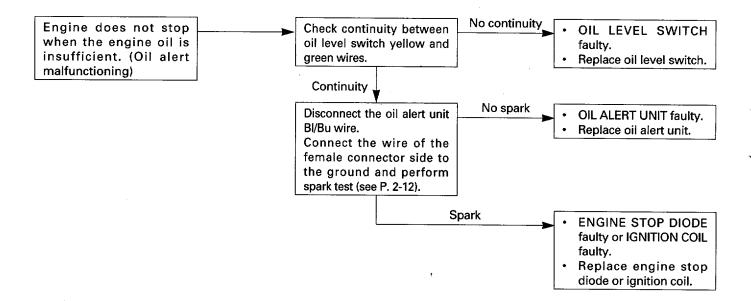




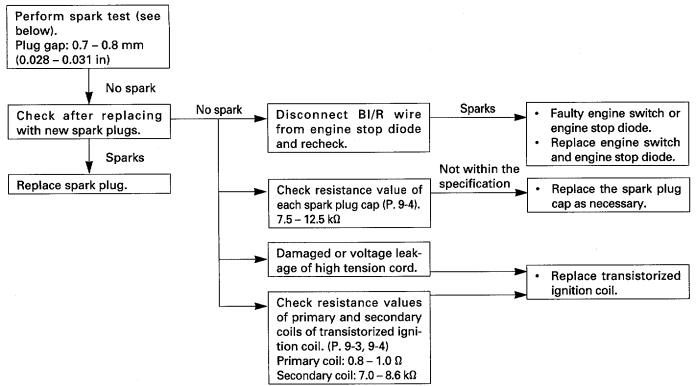
c. OIL ALERT SYSTEM (CONTROL BOX EQUIPPED TYPE)

CAUTION:





d. IGNITION SYSTEM



SPARK TEST

- 1) Disconnect the spark plug caps from spark plugs.
- 2) Remove both spark plugs from the engine.
- 3) Attach a removed spark plug to a spark plug cap. Ground the negative (-) terminal of the spark plug (threads) to the cylinder head cover bolt. Make sure the spark plug is away from the spark plug hole.

AWARNING

If the engine is equipped with a starter motor, be sure to disconnect the fuel cut solenoid valve connector for safety.

4) Starter Motor Equipped Type

Stand clear of the spark plug holes and turn the engine switch to the START position, and check to see if sparks jump across the electrode.

Recoil Starter Equipped Type

Stand clear of the spark plug holes and turn the engine switch to the ON position, pull the recoil starter and check to see if sparks jump across the electrode.

CAUTION:

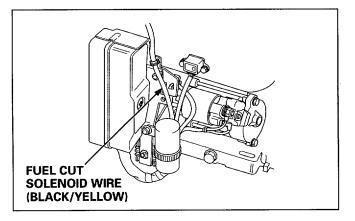
Do not turn the starter motor for more than 5 seconds continuously. Allow the starter motor to cool for 10-20 seconds before continuous operation.

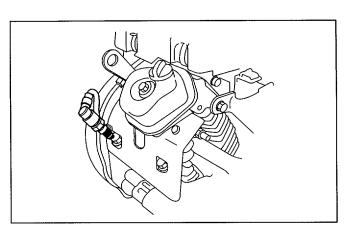
5) Remove the spark plug from the spark plug cap and repeat steps 3 and 4 for the other cylinder.

AWARNING

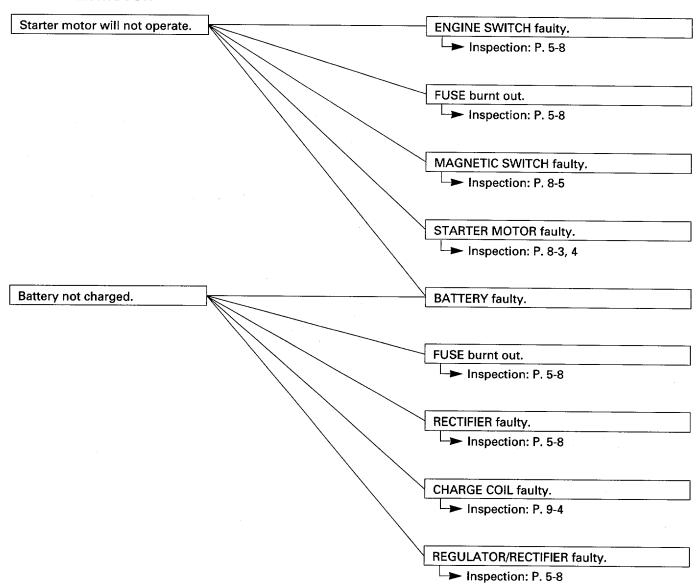
Gasoline is highly flammable and explosive. If ignited, gasoline can burn you severely.

- · Be sure there is no spilled fuel near the engine.
- Place the spark plug away from the spark plug hole.

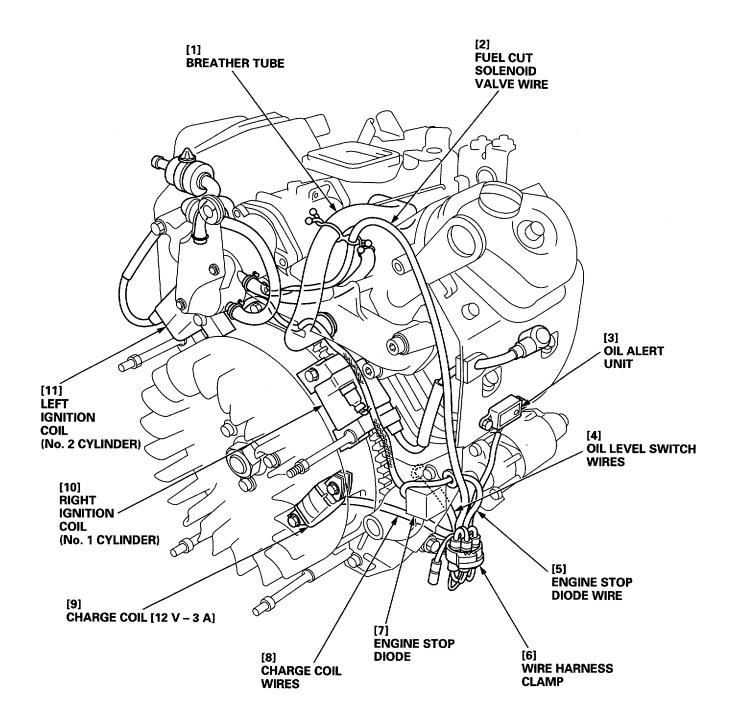


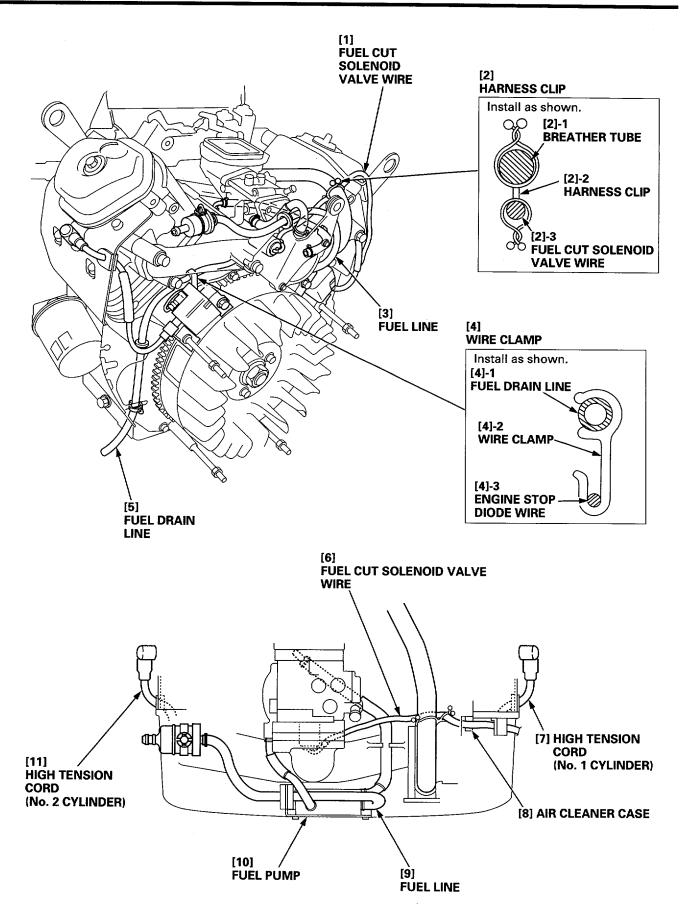


e. STARTER MOTOR

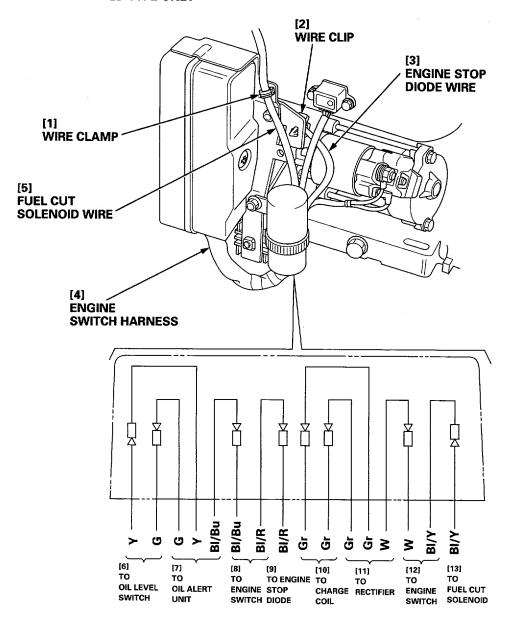


9. HARNESS ROUTING (OIL ALERT SYSTEM APPLICABLE TYPES)

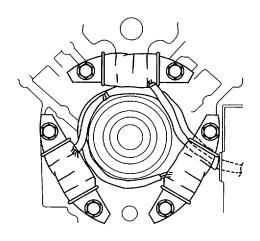




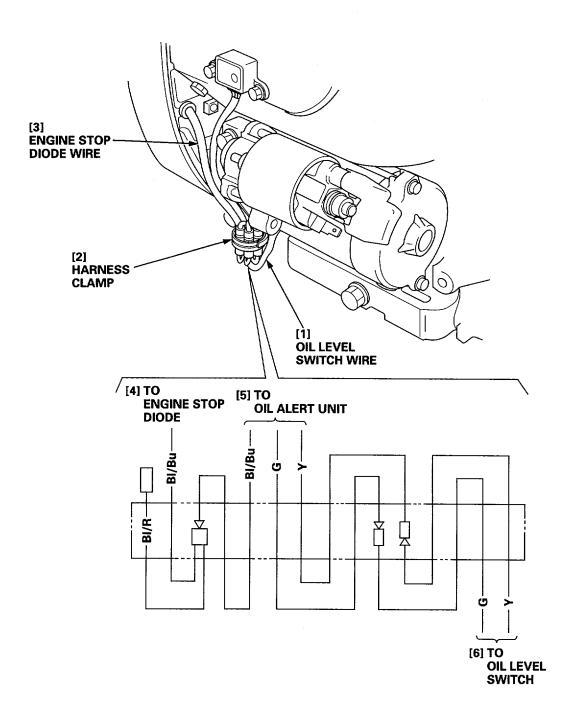
• CONTROL BOX EQUIPPED TYPE ONLY



• CHARGE COIL [12 V - 20 A]



• OIL ALERT SYSTEM EQUIPPED TYPE ONLY



3. MAINTENANCE

- 1. MAINTENANCE SCHEDULE
- 2. ENGINE OIL
- 3. OIL FILTER
- **4. AIR CLEANER**
- **5. VALVE CLEARANCE**
- 6. SPARK PLUG

- 7. CARBURETOR
- 8. GOVERNOR
- 9. FUEL FILTER
- 10. FUEL LINE
- 11. SPARK ARRESTER (Optional part)

1. MAINTENANCE SCHEDULE

Perform at month or o	SERVICE PERIOD t every indicated perating hour inter- per comes first. (2)	Each use	First month or 20 Hrs.	Every 3 months or 50 Hrs.	Every 6 months or 100 Hrs.	Every year or 300 Hrs.	Refer to page
Engine oil	Check level	0					
	Change		0		0		P. 3-2, 3
Engine oil filter	Replace					○ or 200 Hrs.	P. 3-3
Air cleaner	Check	0					
	Clean			0 (1)			P. 3-4
	Replace					O (3)	
Spark plug	Clean-Adjust				0		
	Replace					0	P. 3-5
Spark arrester (optional part)	Clean				0		P. 3-8
Idle speed	Check-Adjust					0	P. 3-6
Valve clearance	Check-Adjust	****				0	P. 3-4
Fuel filter	Check				0		2.2
	Change					0	P. 3-7
Fuel line	Check (Replace if necessary)		·	Every 2 year	S		P. 3-7

⁽¹⁾ Service more frequently when used in dusty areas.

⁽²⁾ For professional commercial use, log hours of operation to determine proper maintenance intervals.

⁽³⁾ Replace the paper element only.

2. ENGINE OIL

Oil alert:

NOTE:

For convinience, perform this test in conjunction with the engine oil change.

Some GX610K1/GX620K1 engine types are not equipped with oil alert unit.

- 1) When the engine running, disconnect the yellow and green wires of the oil alert unit from the oil level switch wires, and connect the yellow and green wires of the oil alert unit. The engine should stop.
- 2) With the engine stopped, the crankcase filled with oil, and the oil level switch wires disconnected, check continuity between the yellow and green oil level switch wires. There should be no continuity.
- 3) Drain the engine oil (See below).
- 4) With the engine stopped, the oil drained from the crankcase, and the oil level switch wires disconnected, check continuity between the yellow and green oil level switch wires. There should be continuity.

Oil level check:

Check the engine oil level with the engine stopped and the engine on a level surface.

- Remove the oil level gauge.
 Wipe the oil level gauge with a clean cloth.
- 2) Reinsert the oil level gauge.
- Check the oil level shown on the oil level gauge; if near or below the lower limit mark, fill to upper limit mark with the recommended oil.

Recommended	SAE 10W-30
engine oil	Service classification SG, SF

Oil change:

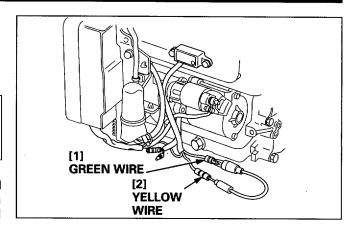
Drain the used oil while the engine is warm. Warm oil drains quickly and completely.

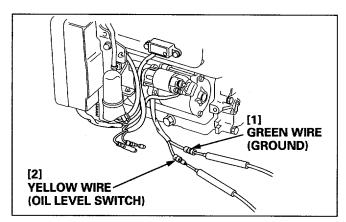
- 1) Place a suitable container under the oil drain bolt.
- 2) Remove the oil filler cap and drain bolt, and drain the oil into the container.

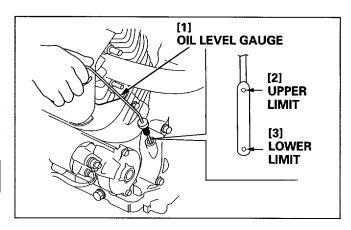
If necessary, change the oil filter at this time (P. 3-3).

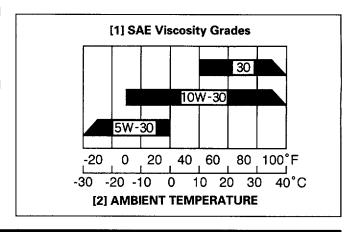
3) Retighten the drain bolt to the specified torque.

TORQUE: 39 N·m (4.0 kgf·m, 29 lbf·ft)









4) Refill with the recommended engine oil and check the level.

Engine oil capacity	1.50 ℓ (1.59 US qt, 1.32 Imp qt)
	with oil filter replacement: 1.80 ℓ (1.90 US qt, 1.58 Imp qt)

NOTE:

When a new oil filter has been installed, recheck the engine oil level after running the engine for a few minutes.

Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take used oil in a sealed container to your local recycling center or service station for reclamation. Do not throw it in the trash, pour it on the ground, or down a drain.

CAUTION:

Used engine oil contains substances that have been identified as carcinogenic.

If repeatedly left in contact with the skin for prolonged periods, it may cause skin cancer.

Wash your hands thoroughly with soap and water as soon as possible after contact with used engine oil.



Oil filter change:

- 1) Drain the engine oil (P. 3-2).
- Remove the oil filter with a filter wrench and let the remaining oil drain out. Dispose of the oil filter in a manner that is compatible with the environment.

NOTE:

- Before removing the oil filter, place a rag under the filter to trap oil leakage.
- · Replace the oil filter as an assembly cartridge.

TOOL:

Oil filter wrench

07HAA - PJ70100

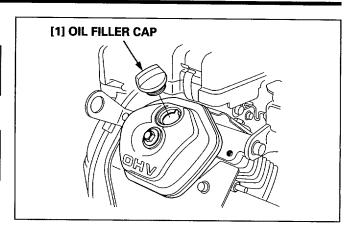
- 3) Apply a thin coat of engine oil to the new oil filter O-ring.
- 4) Install the new oil filter and tighten to the specified torque.

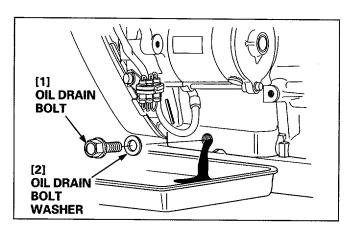
TORQUE: 22 N·m (2.2 kgf·m, 16 lbf·ft)

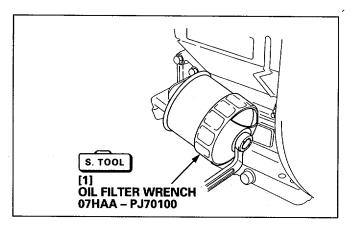
5) Fill the crankcase with the specified amount of engine oil and run the engine for a few minutes. Check for oil leaks in oil filter cartridge area.

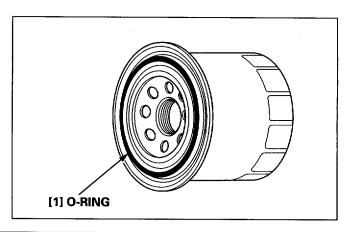
Engine oil capacity	1.50 \ell (1.59 US qt, 1.32 Imp qt) with oil filter replacement:
	1.80 \(\) (1.90 US qt, 1.58 lmp qt)

6) Stop the engine and check the oil and fill to the upper limit mark if necessary.









4. AIR CLEANER

Cleaning:

A dirty air filter will restrict air flow to the carburetor, reducing engine performance. If the engine is operated in dusty areas, clean the air filter more often than specified in the MAINTENANCE SCHEDULE.

CAUTION:

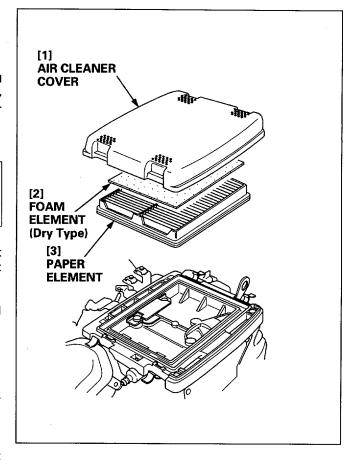
Operating the engine without an air filter or with a damaged air filter, will allow dirt to enter the engine, causing rapid engine wear. This type of damage is not covered by the Distributor's Limited Warranty.

- Remove the air cleaner cover. Remove the foam element from the air cleaner cover. Remove the paper element from the air cleaner case.
- Check both air cleaner elements for holes or tears and replace if damaged.
- 3) Clean both air cleaner elements if they are to be reused.

Foam element: Clean in warm soapy water, rinse and allow to dry thoroughly. Or clean in nonflammable solvent and allow to dry. Do not put oil to the foam element.

Paper element: Tap the element several times on a hard surface to remove dirt, or blow with compressed air [not exceeding 30 psi (207 kPa, 2.1 kgf/cm²)] through the element from the clean side that faces the engine. Never try to brush off dirt. Brushing will force dirt into the fibers.

- 4) Wipe dirt from the inside of the air cleaner case and cover, using a moist rag. Be careful to prevent dirt from entering the air duct that leads to the carburetor.
- 5) Place the foam element to the air cleaner cover. Reinstall the paper element and the air cleaner cover to the air cleaner case.



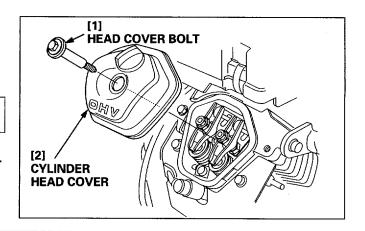
5. VALVE CLEARANCE

Inspection:

NOTE:

Valve clearance inspection and adjustment must be performed with the engine cold.

1) Remove the head cover belt and the cylinder head cover.



- 2) Remove the recoil starter or screen.
- 3) Rotate the flywheel until the "T" mark on the cooling fan aligns with the "T" mark on the right side of the fan cover. (This alignment point is the top dead center of the No. 1 cylinder.)
 - Be sure that the No. 1 cylinder is at top dead center of its compression stroke.
- 4) Check intake and exhaust valve clearance for the No. 1 cylinder by inserting a feeler gauge between the valve stem and the valve rocker arm.
- 5) Rotate the crankshaft 270° to put the No. 2 cylinder at top dead center of its compression stroke, and then check intake and exhaust valve clearance for that cylinder.

Standard valve clearance	IN	0.15 ± 0.02 mm
(cold)	EX	0.20 ± 0.02 mm

Adjustment:

- 1) With the cylinder at top dead center of its compression stroke, loosen the pivot adjusting nut, and turn the rocker arm pivot to obtain the specified intake and exhaust valve clearance.
- 2) Hold the rocker arm pivot using a wrench, and tighten the pivot adjusting nut.

TORQUE: 9 N·m (0.9 kgf·m, 6.5 lbf·ft)

3) Recheck valve clearance after tightening the adjusting nut.

6. SPARK PLUG

Inspection/Cleaning:

- 1) Using a spark plug wrench, remove the spark plugs. Visually inspect the spark plugs. Discard the plug if the insulator is cracked or chipped.
- 2) Remove carbon or other deposits with a stiff wire brush.
- 3) Measure the plug gap with a wire-type feeler gauge.

Standard spark	NGK	ZGR5A
plug	DENSO	J16CR-U

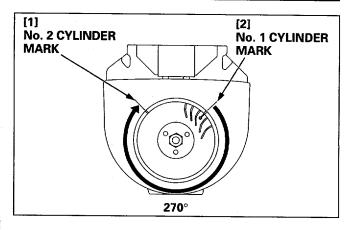
Spark plug gap	0.7 – 0.8 mm (0.028 – 0.031 in)

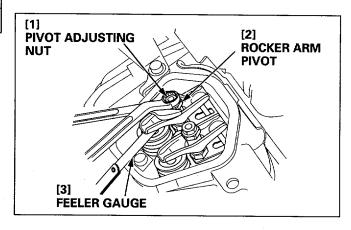
If necessary, adjust the gap by bending the side electrode.

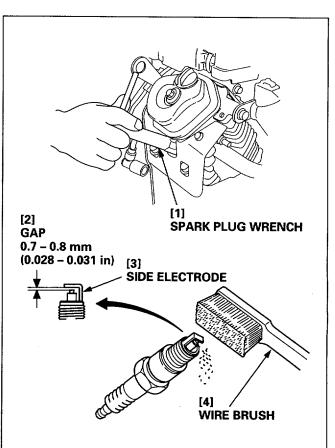
- 4) Make sure the sealing washer is in good condition; replace the plug if necessary.
- 5) Install the plug fingertight to seat the washer, then tighten with a plug wrench (an additional 1/2 turn if a new plug) to compress the sealing washer. If you are reusing a plug, tighten 1/8 - 1/4 turn after the plug seats.

CAUTION:

A loose spark plug can become very hot and can damage the engine. Overtightening the spark plug can damage the threads in the cylinder barrel.







9. FUEL FILTER

Check:

AWARNING

Gasoline is highly flammable and explosive.

You can be burned or seriously injured when handling fuel.

- · Keep heat, sparks, and flame away.
- · Handle fuel only outdoors.
- · Wipe up spills immediately.
- 1) Remove the air cleaner case (P. 4-1).
- Check the fuel filter for water accumulation or sediment. If water or sediment is found, replace the fuel filter.

Replacement:

If water or sediment is found in the fuel filter proceed as follows:

- 1) Pinch off the fuel lines at both sides of the fuel filter with two commercially available hose clips.
- 2) Being careful to prevent fuel leakage, disconnect the fuel lines from the fuel filter and remove fuel filter.
- Install the new fuel filter so the arrow mark on the fuel filter points toward the fuel pump side.
- 4) Install the fuel filter to the fuel filter clamp.
- 5) Connect the fuel lines to the fuel filter and remove the hose clips.
 - Secure the fuel lines to the fuel filter with the line clamp and clip.
- Check for leaks. Repair any fuel leaks before starting the engine.

10. FUEL LINE

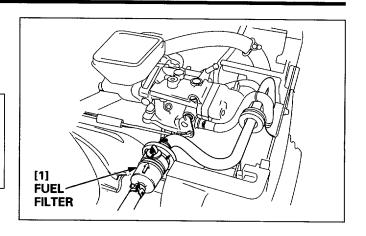
Check:

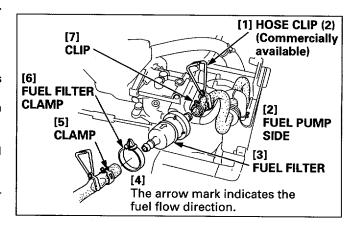
A WARNING

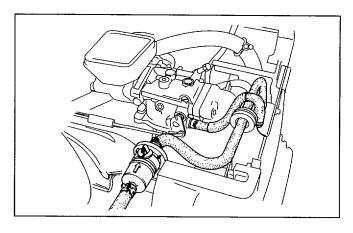
Gasoline is highly flammable and explosive.

You can be burned or seriously injured when handling fuel.

- Keep heat, sparks, and flame away.
- Handle fuel only outdoors.
- Wipe up spills immediately.
- 1) Remove the air cleaner case (P. 4-1).
- Check the fuel lines for deterioration, cracks or signs of leakage.
- 3) Drain the fuel into a suitable container.
- 4) Replace the fuel lines as necessary.







7. CARBURETOR

Adjustment:

• Throttle stop screw

- 1) Remove the two 5 x 20 mm tapping screws and the fuel pump cover.
- Start the engine and allow it to warm up to normal operating temperature.
- 3) With the engine idling, turn the throttle stop screw to obtain the standard idle speed.

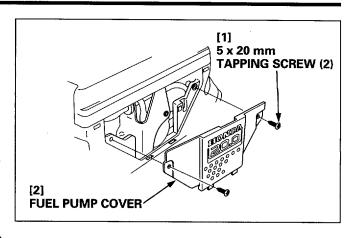
Standard idle speed	1,400 ± 150 rpm

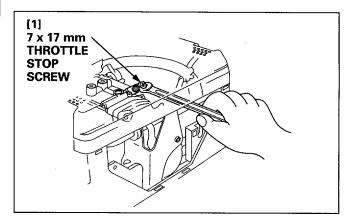
Pilot screw

The pilot screw is fitted with a limiter cap to minimize the amount of exhaust emissions.

Do not attempt to remove the limiter cap for pilot screw adjustment. The limiter cap cannot be removed without breaking the pilot screw.

Pilot screw adjustment must be performed only when it is disassembled (P. 7-4).



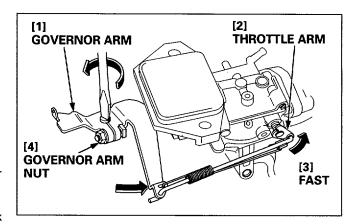


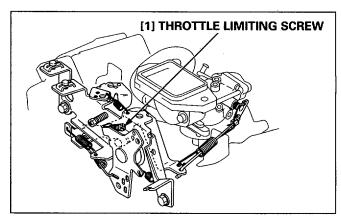
8. GOVERNOR

Adjustment:

- 1) Remove the air cleaner case (P. 4-1).
- 2) Loosen the governor arm nut.
- 3) Check the throttle arm is positioned in the FAST position.
- 4) Tighten the governor arm nut while turning the governor arm shaft counterclockwise fully.
- 5) Move the governor arm to the slow position and check that the throttle arm contacts the throttle stop screw.
- 6) Install the air cleaner case. Start the engine and allow it to warm up to normal operating temperature. Move the control lever to run the engine at the standard maximum speed, and adjust the throttle limiting screw so the control lever cannot be moved past that point.

Maximum speed	See P. 6-2





[2] SPECIAL

SCREW

SPARK

11. SPARK ARRESTER (Optional part)

Cleaning:

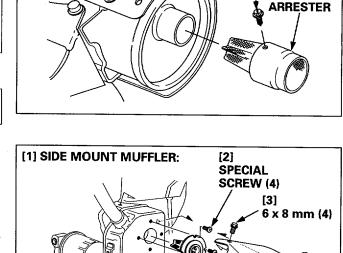
AWARNING

The muffler becomes very hot during operation and remains hot for a while after stopping the engine. Be careful not to touch the muffler while it is hot. Allow it to cool before proceeding.

CAUTION:

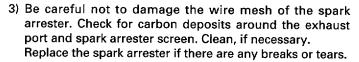
The spark arrester must be serviced every 100 hours to maintain its efficiency.

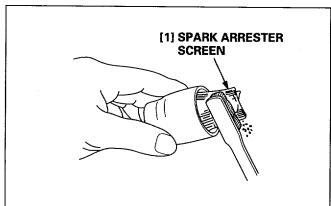
- High mount muffler A/B
- 1) Remove the special screw and spark arrester.
- Side mount muffler
- 1) Remove the four 6 x 8 mm bolts and side muffler protector.
- 2) Remove the four special screws and spark arrester.



[1] HIGH MOUNT MUFFLER A/B:

SPARK ARRESTER





SIDE MUFFLER PROTECTOR

HONDA GXV610 · GXV620

PREFACE

This manual covers the construction, function and servicing procedures of the Honda GXV610 K1 • GXV620 K1 V-twin engines.

Careful observance of these instructions will result in better, safer service work.

Pay attention to these symbols and their meaning:

AWARNING Indicates a strong possibility of severe personal injury or loss of life if instructions are not followed:

CAUTION: Indicates a possibility of personal injury or equipment damage if instructions are not followed.

ALL INFORMATION, ILLUSTRATIONS, DIRECTIONS AND SPECIFICATIONS INCLUDED IN THIS
PUBLICATION ARE BASED ON THE LATEST
PRODUCT INFORMATION AVAILABLE AT THE
TIME OF APPROVAL FOR PRINTING. HONDA
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HONDA GXV610 · GXV620

1. SPECIFICATIONS

- 1. SPECIFICATIONS
- 2. DIMENSIONS AND WEIGHTS
- 3. PERFORMANCE CURVES

- 4. DIMENSIONAL DRAWINGS
- **5. P.T.O. DIMENSIONAL DRAWING**
- 6. WIRING DIAGRAMS

1. SPECIFICATIONS

Model	GXV610 K1	GXV620 K1		
Description code	GJAC	GJAD		
Туре	4-stroke, overhead	I valve, 90° V-Twin		
Total displacement	614 cm³ (3	37.5 cu in)		
Bore and stroke	77 x 66 mm	(3.0 x 2.6 in)		
Max. horsepower (Gross)	13.4 kW/3,600 min ⁻¹ (18HP/3,600 rpm)	14.9 kW/3,600 min ⁻¹ (20HP/3,600 rpm)		
Max. torque (Gross)	43.1 N·m (4.39 kgf·m, 31.7 lbf·ft)/2,500 rpm	44.1 N·m (4.50 kgf·m, 32.5 lbf·ft)/2,500 rpm		
Compression ratio	8.3	:1		
Fuel consumption	313 g/kWh (230 g,	/HPh, 0.51 lb/HPh)		
Cooling system	Force	ed-air		
Ignition system	Transistorized magneto ignition			
Ignition timing	20° B.T.D.C.			
Spark plug	ZGR5A (NGK), J16CR-U (DENSO)			
Carburetor	Horizontal type, butterfly valve			
Air cleaner	Dual element type			
Lubricating system	Forced It	ubrication		
Oil capacity	Without oil filter replacement: 1.7 ℓ (1.8 US qt, 1.5 Imp qt) With oil filter replacement: 2.2 ℓ (2.3 US qt, 1.9 Imp qt)			
Starting system	Electric starter / Elec	tric starter and recoil		
Stopping system	Ignition primary circuit ground			
Fuel used	Automotive unleaded gasoline (minimum 86 pump octane)			
P.T.O. shaft rotation	Counterclockwise (viewed from P.T.O. side)			
Governor	Centrifugal governor			

2. DIMENSIONS AND WEIGHTS

GXV610K1/GXV620K1:

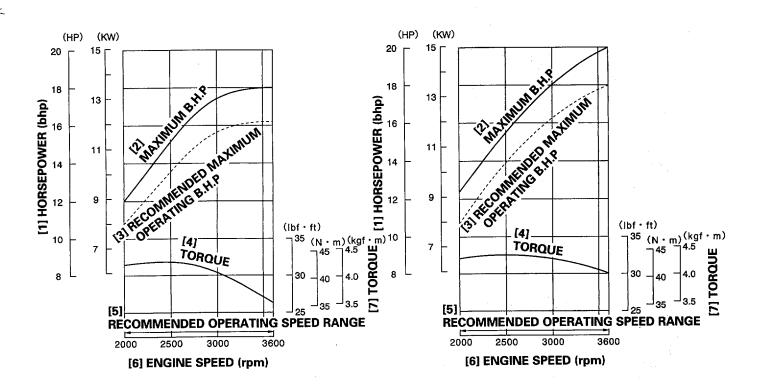
Item	Туре	QAF
Length	mm (in)	459 (18.1)
Width	mm (in)	457 (18.0)
Height	mm (in)	431 (17.0)
Dry weight	kg (lb)	43 (95)
Operating weight	kg (lb)	45 (99)

3. PERFORMANCE CURVES

Power curves are according to SAE standard No. J-1995. For practical operations, the bhp load and engine speed should not exceed the limit defined by the "Recommended Maximum Operating bhp" curve. Continuous operation should not exceed 80% of the "Maximum bhp".

GXV610K1:

GXV620K1:



3. COURBES DE PERFOR-MANCES

Les courbes de puissance sont conformes à la norme SAE N°J-1995. Pour des opérations pratiques, la charge à la puissance au frein et le régime du moteur ne doivent pas dépasser la limite définie par la courbe de puissance au frein maximum recommandée.

Le fonctionnement en continu ne devra pas dépasser 80% de la puissance au frein maximum.

$GXV610K1 {\boldsymbol \cdot} GXV620K1:$

- [1] PUISSANCE (puissance au frein)
- [2] PUISSANCE AU FREIN MAXIMUM
- [3] PUISSANCE AU FREIN MAXIMUM RECOMMANDEE
- [4] COUPLE
- [5] GAMME DE REGIME DE FONCTION-NEMENT RECOMMANDEE
- [6] REGIME DU MOTEUR (tr/min)
- [7] COUPLE

3. LEISTUNGSKURVEN

Die Leistungskurven entsprechen der SAE-Norm Nr. J-1995. Im praktischen Einsatz dürfen Brems-PS-Last und Motordrehzahl die durch die Kurve "Empfohlene max. Betriebs-Brems-PS" definierten Grenzen nicht überschreiten. Bei Dauerbetrieb dürfen 80% der "Max.

Bei Dauerbetrieb durfen 80% der "Max. Brems-PS" nicht überschritten werden.

GXV610K1•GXV620K1:

- [1] LEISTUNG (Brems-PS)
- [2] MAX. BREMS-PS
- [3] EMPFOHLENE MAX. BETRIEBS-BREMS-PS
- [4] DREHMOMENT
- [5] EMPFOHLENER BETRIEBS-DREHZAHLBEREICH
- [6] MOTORDREHZAHL (U/min)
- [7] DREHMOMENT

3. CURVAS DE RENDIMIENTO

Las curvas de rendimiento cumplen con la norma SAE número J-1995. Para las operaciones prácticas, la carga de bhp y la velocidad del motor no deben exceder del límite definido por la curva "bhp de operación máxima recomendada".

La operación continua no debe exceder del 80% de la "bhp máxima".

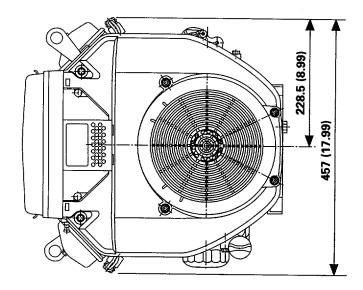
GXV610K1.GXV620K1:

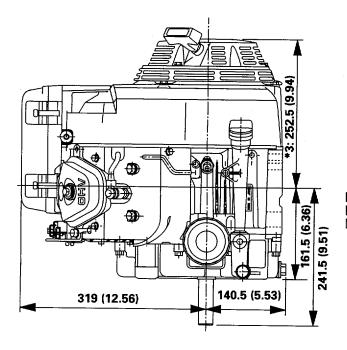
- [1] POTENCIA EN CABALLOS (bhp)
- [2] B.H.P. MÁXIMA
- [3] B.H.P. DE OPERACIÓN MÁXIMA RECOMENDADA
- [4] PAR DE TORSIÓN
- [5] MARGEN DE VELOCIDAD DE OPERACIÓN RECOMENDADA
- [6] VELOCIDAD DEL MOTOR (rpm)
- [7] PAR DE TORSIÓN

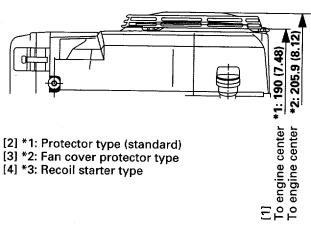
4. DIMENSIONAL DRAWINGS

Q type:

Unit: mm (in)







4. SCHEMAS DIMENSIONNELS

Type Q:

Unité: mm

- [1] Vers centre du moteur Vers centre du moteur
- [2] *1: Type à protecteur (standard)
- [3] *2: Type à protecteur de couvercle du ventilateur
- [4] *3: Type à lanceur à retour automatique

4. MASSZEICHNUNGEN

Q-Typ:

Einheit: mm

- [1] Zu Motormitte
 - Zu Motormitte
- [2] *1: Schutztyp (Standard)[3] *2: Typ mit Lüfterdeckelschutz
- [4] *3: Rücklaufstartertyp

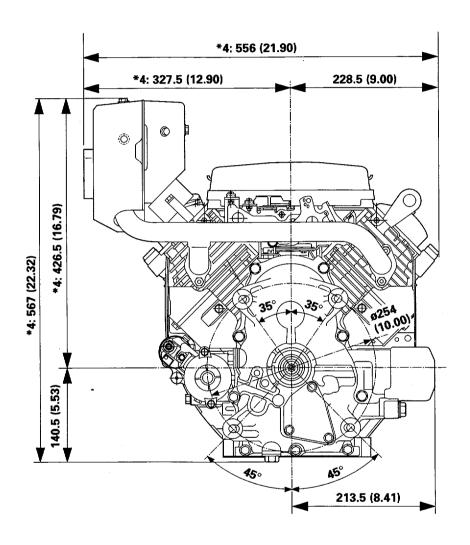
4. DIBUJOS ACOTADOS

Tipo Q:

Unidad: mm

- [1] Al centro del motor
- Al centro del motor
- [2] *1: Tipo protector (estándar)
 [3] *2: Tipo protector de cubierta de ventilador
- [4] *3: Tipo de arrancador de retroceso

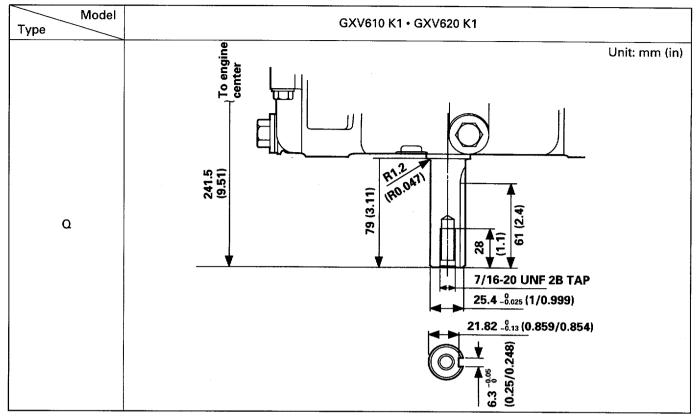
Unit: mm (in)



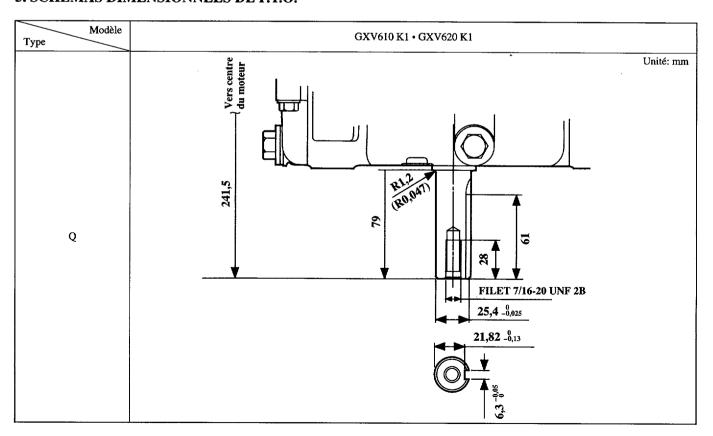
*4: With muffler installed

Unité: mm	Einheit: mm	Unidad: mm
*4: Avec silencieux installé	*4: Mit installiertem Schalldämpfer	*4: Con silenciador instalado

5. P.T.O. DIMENSIONAL DRAWING



5. SCHEMAS DIMENSIONNELS DE P.T.O.



6. WIRING DIAGRAMS

MFu MAIN FUSE ESW ENGINE SWITCH CBx CONTROL BOX

Re.Rf REGULATOR/RECTIFIER

Rf RECTIFIER
OAU OIL ALERT UNIT
OLSW OIL LEVEL SWITCH

FCSV FUEL CUT SOLENOID VALVE

SM STARTER MOTOR

BAT BATTERY
UL USER LOAD
ChC CHARGE COIL
EgSTD ENGINE STOP DIODE

L. IgC LEFT IGNITION COIL
R. IgC RIGHT IGNITION COIL
L. SP LEFT SPARK PLUG
R. SP RIGHT SPARK PLUG

ВІ	BLACK	Br .	BROWN
Υ	YELLOW	0	ORANGE
Bu	BLUE	Lb	LIGHT BLUE
G	GREEN	Lg	LIGHT GREEN
R	RED	Р	PINK
W	WHITE	Gr	GRAY

ENGINE SWITCH

	IG	E	BAT	LO	ST
OFF	6	9			
ON			9	9	
ST			0	0	9

6. SCHEMAS DE CABLAGE

FUSIBLE PRINCIPAL **ESw** INTERRUPTEUR DU MOTEUR CBx BOITIER DE COMMUTATION Re.Rf REGULATEUR/REDRESSEUR Rf REDRESSEUR OAU DISPOSITIF D'ALARME DE BAS NIVEAU D'HUILE OLSw CONTACTEUR DE NIVEAU D'HUILE SOUPAPE A SOLENOIDE DE COUPURE DE **FCSV** CARBURANT SM **DEMARREUR** BAT **BATTERIE** UL CHARGE UTILE ChCBOBINE DE CHARGE EgSTD DIODE D'ARRET DU MOTEUR L. IgC BOBINE D'ALLUMAGE GAUCHE R. IgC BOBINE D'ALLUMAGE DROITE L. SP **BOUGIE GAUCHE** R. SP **BOUGIE DROITE**

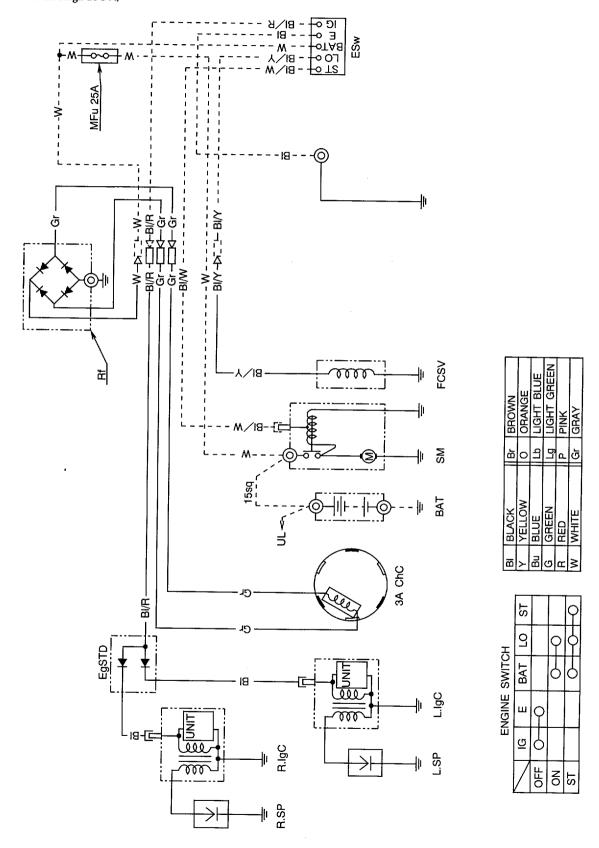
Bl	NOIR	Br	MARRON
Y	JAUNE	0	ORANGE
Bu	BLEU	Lb	BLEU CLAIR
G	VERT	Lg	VERT CLAIR
R	ROUGE	P	ROSE
W	BLANC	Gr	GRIS

INTERRUPTEUR DU MOTEUR

	IG	Е	BAT	LO	ST
OFF	b	0			
ON			0	9	
ST			9	\downarrow	-0

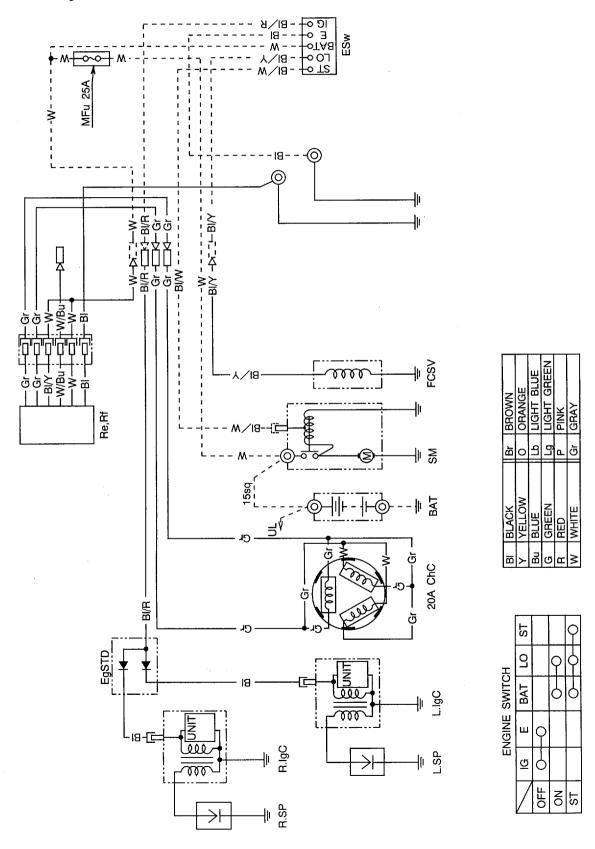
(3 A Charge coil type)

(Type à bobine de charge 3 A) (3-A-Ladespulentyp) (Tipo de bobina de carga de 3 A)



(20 A Charge coil type)

(Type à bobine de charge 20 A) (20-A-Ladespulentyp) (Tipo de bobina de carga de 20 A)



2. SERVICE INFORMATION

HONDA GXV610 • GXV620

- 1. THE IMPORTANCE OF PROPER SERVICING
- 2. IMPORTANT SAFETY PRECAUTIONS
- 3. SERVICE RULES
- 4. SERIAL NUMBER LOCATION
- 5. MAINTENANCE STANDARDS

- 6. TORQUE VALUES
- 7. SPECIAL TOOLS
- 8. TROUBLESHOOTING
- 9. HARNESS ROUTING

1. THE IMPORTANCE OF PROPER SERVICING

Proper servicing is essential to the safety of the operator and the reliability of the engine. Any error or oversight made by the technician while servicing can easily result in faulty operation, damage to the engine or injury to the operator.

AWARNING

Improper servicing can cause an unsafe condition that can lead to serious injury or death. Follow the procedures and precautions in this shop manual carefully.

Some of the most important precautions are given below. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance or repairs. Only you can decide whether or not you should perform a given task.

AWARNING

Failure to follow maintenance instructions and precautions can cause you to be seriously hurt or killed. Follow the procedures and precautions in this shop manual carefully.

2. IMPORTANT SAFETY PRECAUTIONS

Be sure you have a clear understanding of all basic shop safety practices and that you are wearing appropriate clothing and safety equipment. When performing maintenance or repairs, be especially careful of the following:

Read the instructions before you begin, and be sure you have the tools and skills required to perform the tasks safely.

Be sure the engine is off before you begin any maintenance or repairs. This will reduce the possibility of several hazards:

- Carbon monoxide poisoning from engine exhaust.
 Be sure there is adequate ventilation whenever you run the engine.
- Burns from hot parts.

 Let the engine cool before you touch it.
- Injury from moving parts.

Do not run the engine unless the instruction tells you to do so. Even then, keep your hands, fingers, and clothing away.

To reduce the possibility of a fire or explosion, be careful when working around gasoline. Use only a nonflammable solvent, not gasoline, to clean parts. Keep all cigarettes, sparks, and flames away from all fuel-related parts.

HONDA GXV610 · GXV620

3. SERVICE RULES

- 1. Use genuine Honda or Honda-recommended parts and lubricants or their equivalents. Parts that do not meet Honda's design specifications may damage the engine.
- 2. Use the special tools designed for the product.
- 3. Install new gaskets. O-rings, etc. when reassembling.
- 4. When torquing bolts or nuts, begin with larger-diameter or inner bolts first and tighten to the specified torque diagonally, unless a particular sequence is specified.
- 5. Clean parts in cleaning solvent upon disassembly. Lubricate any sliding surfaces before reassembly.
- 6. After reassembly, check all parts for proper installation and operation.
- 7. Many screws used in this machine are self-tapping. Be aware that cross-threading or overtightening these screws will strip the threads and ruin the hole.
- 8. Use only metric tools when servicing this engine. Metric bolts, nuts and screws are not interchangeable with non-metric fasteners. The use of incorrect tools and fasteners will damage the engine.
- 9. Follow the instructions represented by these symbols when they are used:



: Apply grease

S. TOOL

: Use special tool



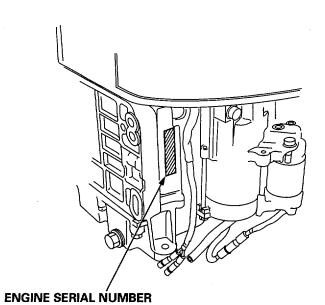
: Apply oil

 \bigcirc x \bigcirc (\bigcirc): Indicates the diameter, length, and number of the flange bolt used.

P. : Indicates the reference page.

4. SERIAL NUMBER LOCATION

The engine serial number is stamped on the cylinder barrel. Refer to this when ordering parts or making technical inquiries.



5. MAINTENANCE STANDARDS

Part	t Item Standard		Standard	Service Limit
Engine	Maximum speed Idle speed Cylinder compression		3,400 ± 150 rpm 1,400 ± 150 rpm 6.0 – 8.0 kgf/cm² (85 – 114 psi) at 500 rpm	
Cylinder	Sleeve I.D.		77.000 mm (3.0315 in)	77.17 mm (3.038 in)
Cylinder head	Warpage			0.10 mm (0.004 in)
Piston	Skirt O.D. Piston-to-cylinder clearant Piston pin bore I.D. Piston pin O.D. Piston-to-piston pin bore cle		76.985 mm (3.0309 in) 0.015 – 0.052 mm (0.0006 – 0.0020 in) 18.002 mm (0.7087 in) 18.000 mm (0.7087 in) 0.002 – 0.014 mm (0.0001 – 0.0006 in)	76.85 mm (3.026 in) 0.12 mm (0.005 in) 18.042 mm (0.7103 in) 17.95 mm (0.707 in) 0.08 mm (0.003 in)
Piston ring	Ring end gap Top/s	second second second	0.030 – 0.060 mm (0.0012 – 0.0024 in) 0.2 – 0.4 mm (0.01 – 0.02 in) 1.990 mm (0.0783 in)	0.15 mm (0.006 in) 1.0 mm (0.04 in) 1.90 mm (0.075 in)
Connecting rod	Small end I.D. Big end oil clearance Big end axial clearance		18.005 mm (0.7089 in) 0.030 – 0.056 mm (0.0012 – 0.0022 in) 0.20 – 1.10 mm (0.008 – 0.043 in)	18.07 mm (0.711 in) 0.07 mm (0.003 in) 1.3 mm (0.05 in)
Crankshaft	Journal O.D.	Main Pin	38.000 mm (1.4961 in) 39.995 mm (1.5746 in)	37.93 mm (1.493 in) 39.93 mm (1.572 in)
Valves	Valve clearance (cold) Stem O.D. Guide I.D. Guide-to-stem clearance Seat width Spring free length	IN EX IN EX IN/EX IN EX IN/EX IN/EX	$0.15 \pm 0.02 \text{ mm} \\ 0.20 \pm 0.02 \text{ mm} \\ 6.590 \text{ mm (0.2594 in)} \\ 6.550 \text{ mm (0.2579 in)} \\ 6.600 \text{ mm (0.2598 in)} \\ 0.010 - 0.040 \text{ mm (0.0004 - 0.0016 in)} \\ 0.050 - 0.080 \text{ mm (0.0020 - 0.0031 in)} \\ 1.1 \text{ mm (0.04 in)} \\ 39.0 \text{ mm (1.54 in)}$	6.44 mm (0.254 in) 6.40 mm (0.252 in) 6.66 mm (0.262 in) 0.10 mm (0.004 in) 0.12 mm (0.005 in) 2.0 mm (0.08 in) 37.5 mm (1.48 in)
Valve lifter	Valve lifter shaft O.D. Valve lifter I.D. Valve lifter shaft-to-valve clearance	lifter	6.000 mm (0.2362 in) 6.010 mm (0.2366 in) 0.010 – 0.048 mm (0.0004 – 0.0019 in)	5.95 mm (0.234 in) 6.06 mm (0.239 in) 0.10 mm (0.004 in)
Crankcase	Cylinder barrel main jourr Crankshaft axial clearance		38.025 mm (1.4970 in) 0.05 – 0.65 mm (0.002 – 0.026 in)	38.06 mm (1.498 in) 1.0 mm (0.04 in)
Camshaft	Cam height Journal O.D.	IN/EX	29.865 mm (1.1758 in) 16.985 mm (0.6687 in)	29.5 mm (1.16 in) 16.9 mm (0.67 in)
Oil pan	Camshaft holder I.D. (oil pa Oil pan main journal I.D. Crankshaft side clearance		17.016 mm (0.6699 in) 38.025 mm (1.4970 in) 0.05 – 0.65 mm (0.002 – 0.026 in)	17.06 mm (0.672 in) 38.06 mm (1.498 in) 1.0 mm (0.04 in)
Oil pump	Tip clearance Outer rotor-to-housing cle Outer rotor-to-pump cove ance		0.14 mm (0.006 in) 0.15 – 0.21 mm (0.006 – 0.008 in) 0.04 – 0.11 mm (0.002 – 0.004 in)	0.30 mm (0.012 in) 0.30 mm (0.012 in) 0.13 mm (0.005 in)

Part	Item		Standard	Service Limit	
Carburetor	Main jet Float height Pilot screw opening		Float height 14.0 mm (0.55 in)		
Spark plug	Gap		0.7 – 0.8 mm (0.028 – 0.031 in)		
Spark plug cap	Resistance		7.5 – 12.5 kΩ		
Ignition coil	Resistance Air gap	Primary coil Secondary coil (at flywheel)	$0.8 - 1.0~\Omega$ $7.0 - 8.6~k\Omega$ $0.4 \pm 0.2~mm$ (0.016 \pm 0.008 in)		
Starter motor	Brush length Mica depth		10 mm (0.4 in)	6.0 mm (0.2 in) 0.2 mm (0.01 in)	
Charge coil	Resistance	3 A 20 A	0.19 – 0.25 Ω 0.08 – 0.12 Ω		

6. TORQUE VALUES

ltem	Thread dia. (mm)	Torque			
	Timeau dia. (min)	N⋅m	kgf·m	lbf·ft	
Cylinder head bolt	M10 x 1.25	34	3.5	25	
Cylinder head cover bolt	M6 x 1.0	9	0.9	6.5	
Socket bolt	M8 x 1.25	27	2.7	20	
Connecting rod bolt	M6 x 1.0	12	1.2	9	
Spark plug	M14 x 1.25	18	1.8	13	
Oil filter holder	M20 x 1.5	18	1.8	13	
Oil filter cartridge	M20 x 1.5	22	2.2	16	
Flywheel nut	M20 x 1.5 (Special nut)	196	20.0	145	
Cylinder head stud bolt	M8 x 1.25	18	1.8	13	
Pivot bolt	M8 x 1.25	24	2.4	17	
Pivot adjusting nut	M6 x 0.5	10	1.0	7	
Carburetor bolt	M6 x 1.0	9	0.9	6.5	
Oil drain bolt	M14 x 1.5	39	4.0	29	
Oil pressure switch	PT 1/8	9	0.9	6.5	
Fan cover bolt/nut	M6 x 1.0	9	0.9	6.5	
Governor arm nut	M6 x 1.0	11	1.1	8	
Oil level switch joint nut	M10 x 1.25	10	1.0	7	
Valve lifter assembly bolt	M5 x 0.8	5.5	0.55	4.0	
Starter motor terminal nut	M8 x 1.25	9	0.9	6.5	
Fuel pump cover screw	M5	4	0.4	2.9	
Fuel pump washer-screw	M6 x 1.0	9	0.9	6.5	
Oil pump cover assembly bolt	M6 x 1.0	10	1.0	7	
Special bolt	M5 x 0.8	5.5	0.55	4.0	
Sealing bolt	PT 1/8	9	0.9	6.5	
Standard torque values	5 mm screw	4	0.4	2.9	
	5 mm bolt/nut	5	0.5	3.6	
	6 mm screw	9	0.9	6.5	
	6 mm bolt (SH bolt)	9	0.9	6.5	
	6 mm bolt/nut	10	1.0	7	
	6 mm flange bolt/nut	12	1.2	9	
	8 mm bolt/nut	22	2.2	16	
	8 mm flange bolt/nut	27	2.7	20	
	10 mm bolt/nut	34	3.5	25	
	10 mm flange bolt/nut	39	3.9	28	
	12 mm bolt/nut	54	5.5	40	
	6 mm CT flange bolt	12	1.2	9	

NOTE:

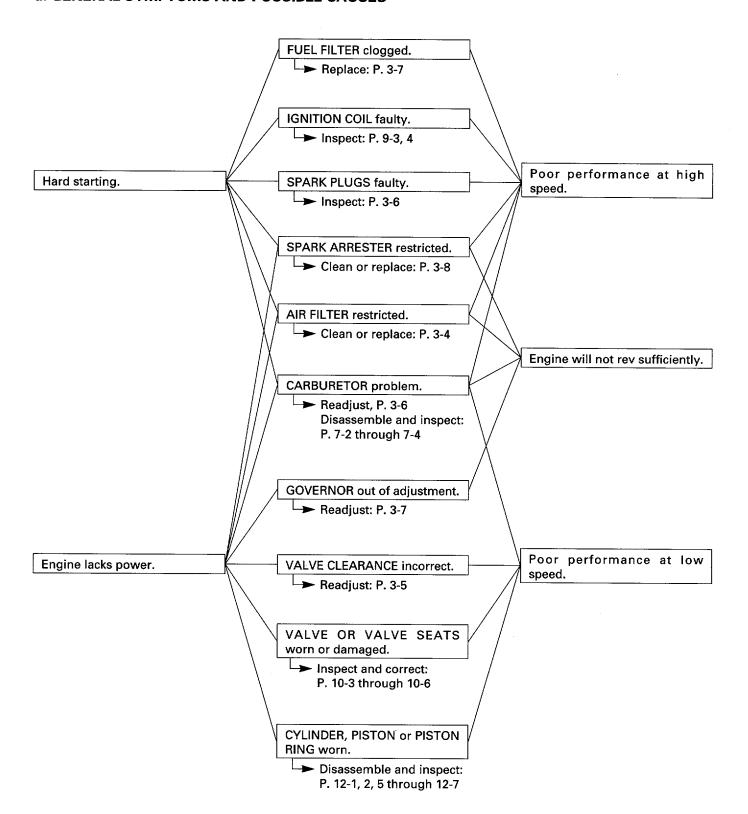
- (SH) indicates a small head bolt.
- (CT) indicates a self-tapping bolt.
- (PT) indicates a taper-pipe-thread bolt.

7. SPECIAL TOOLS

Tool name	Tool number	Application
1. Float level gauge 2. Oil pressure gauge attachment 3. Oil pressure gauge 4. Valve guide driver, 6.6 mm 5. Valve seat cutter, 45° ø29 6. Valve seat cutter, 45° ø33 7. Valve seat cutter, 32° ø30 8. Valve seat cutter, 32° ø35 9. Valve seat cutter, 60° ø30 10. Cutter holder, 6.6 mm 11. Oil filter wrench 12. Valve guide reamer, 6.6 mm 13. Clutch center holder	07401 - 0010000 07406 - 0030000 07506 - 3000000 07942 - 6570100 07780 - 0010300 07780 - 0012200 07780 - 0012300 07780 - 0014000 07781 - 0010202 07HAA - PJ70100 07984 - ZE20001 07JMB - MN50301	Carburetor float level inspection Oil pressure inspection Valve guide removal/installation Valve seat reconditioning EX Valve seat reconditioning IN Valve seat reconditioning EX Valve seat reconditioning IN Valve seat reconditioning IN Valve seat reconditioning IN/EX Valve seat reconditioning IN/EX Valve seat reconditioning Oil filter replacement Valve guide reaming Flywheel removal/installation
		(4)
⑤~⑨		
	10	

8. TROUBLESHOOTING

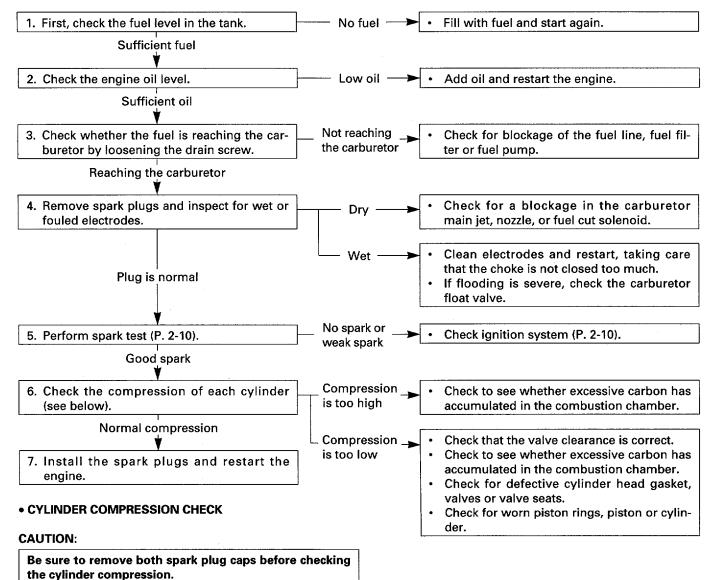
a. GENERAL SYMPTOMS AND POSSIBLE CAUSES



HONDA GXV610 • GXV620

b. HARD STARTING

- · Turn the fuel valve to the ON position.
- If equipped, be sure that the battery cables are connected and check the battery voltage. It must be 12 V or above.



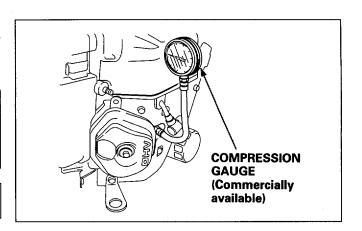
the cymidel compression.

- 1) Disconnect the spark plug caps from the spark plugs and remove both spark plugs.
- 2) Install a compression gauge in the spark plug hole.
- Turn the starter motor ON until stable compression is obtained.

CAUTION:

Do not operate the starter motor for more than 5 seconds at one try. If stable compression is not obtained within 5 seconds, stop the starter motor and wait 10 – 20 seconds to allow the starter motor to cool, and repeat the operation again.

Cylinder compression	6.0 – 8.0 kgf/cm² (85 – 114 psi) at 500 min ⁻¹ (rpm)
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OIL PRESSURE TEST

- 1) Check the engine oil level (P. 3-2).
- 2) Remove the oil pressure switch.
- 3) Install the oil pressure gauge attachment (special tool) on the oil pressure gauge (special tool) that has a scale calibrated to a maximum of 7 10 kgf/cm² (99.6 142.2 psi).

TOOLS:

Oil pressure gauge attachment
Oil pressure gauge

07406 - 0030000

07506 - 3000000

CAUTION:

- Tighten the gauge attachment to 9 N·m (0.9 kgf·m, 6.5 lbf·ft).
- · Overtightening will damage the threads.
- 4) Start the engine and let it run for approximately 10 minutes. Measure the oil pressure when the engine has reached normal operating temperature.

CAUTION:

To prevent engine damage from low oil pressure, carefully monitor the oil pressure while the engine is warming up.

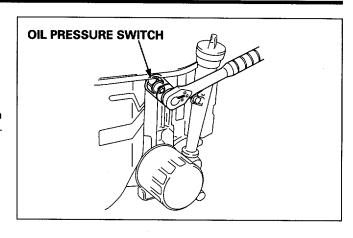
Specified oil pressure: 2.0 kgf/cm² (28.4 psi)

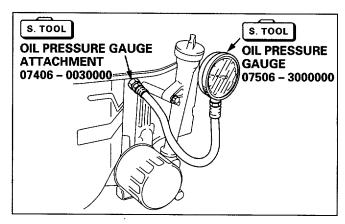
- If the oil pressure is low, check the oil pump rotors and body for wear (P. 11-3), and check for a sticky relief valve or restricted oil strainer.
- 6) Clean the oil pressure switch threads and apply liquid sealant (THREE BOND 1215, Honda bond 4, or equivalent) to the threads as shown. Install the oil pressure switch and tighten it to the specified torque.

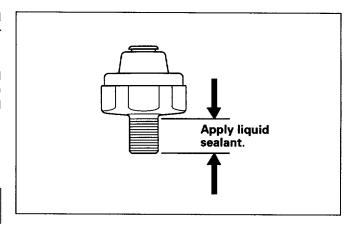
TORQUE: 9 N·m (0.9 kgf·m, 6.5 lbf·ft)

CAUTION:

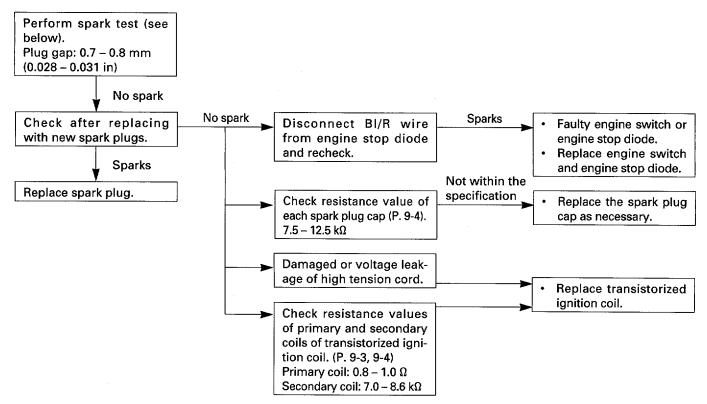
Be sure to use a torque wrench to tighten the switch. Overtightening may damage the cylinder barrel.







c. IGNITION SYSTEM



SPARK TEST

- 1) Disconnect the spark plug caps from spark plugs.
- 2) Remove both spark plugs from the engine.
- 3) Attach a removed spark plug to a spark plug cap. Ground the negative (-) terminal of the spark plug (threads) to the cylinder head cover bolt. Make sure the spark plug is away from the spark plug hole.

AWARNING

If the engine is equipped with a starter motor, be sure to disconnect the fuel cut solenoid valve connector for safety.

4) Starter Motor Equipped Type

Stand clear of the spark plug holes and turn the engine switch to the START position, and check to see if sparks jump across the electrode.

Recoil Starter Equipped Type

Stand clear of the spark plug holes and turn the engine switch to the ON position, pull the recoil starter and check to see if sparks jump across the electrode.

CAUTION:

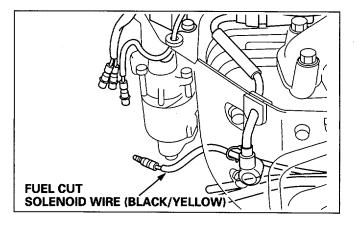
Do not turn the starter motor for more than 5 seconds continuously. Allow the starter motor to cool for 10 – 20 seconds before continuous operation.

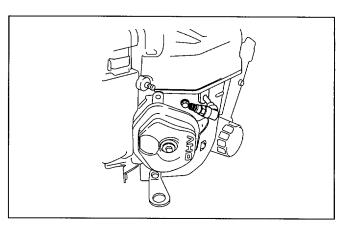
5) Remove the spark plug from the spark plug cap and repeat steps 3 and 4 for the other cylinder.

AWARNING

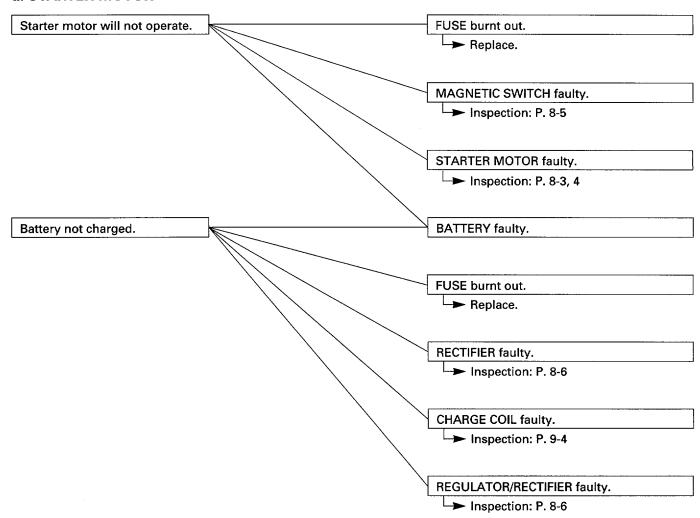
Gasoline is highly flammable and explosive. If ignited, gasoline can burn you severely.

- · Be sure there is no spilled fuel near the engine.
- Place the spark plug away from the spark plug hole.

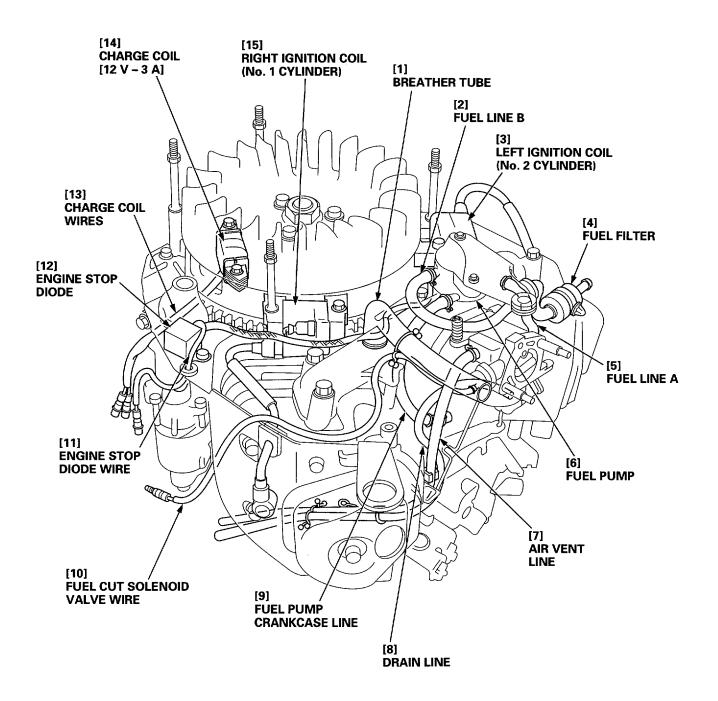


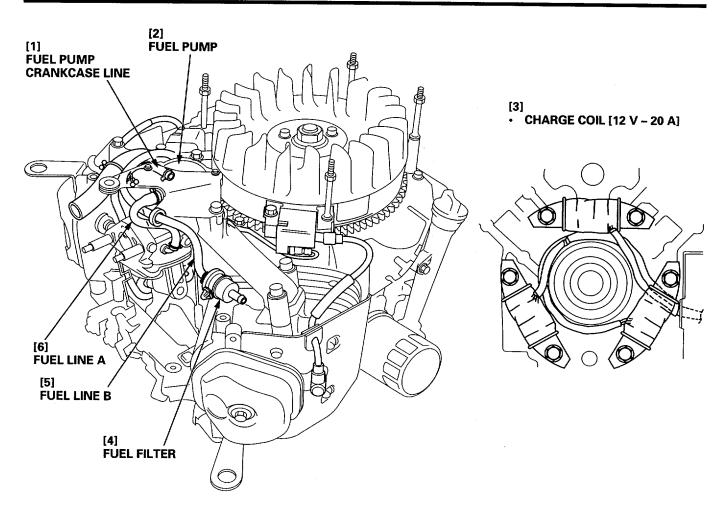


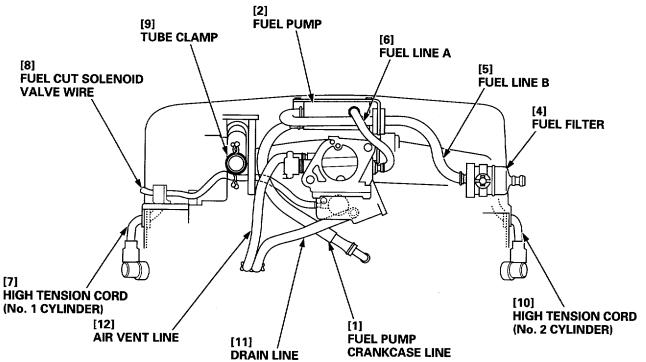
d. STARTER MOTOR



9. HARNESS ROUTING







3. MAINTENANCE

- 1. MAINTENANCE SCHEDULE
- 2. ENGINE OIL
- 3. OIL FILTER
- 4. AIR CLEANER
- **5. VALVE CLEARANCE**
- 6. SPARK PLUG

- 7. CARBURETOR
- 8. GOVERNOR
- 9. FUEL FILTER
- **10. FUEL LINE**
- 11. SPARK ARRESTER (Optional part)

1. MAINTENANCE SCHEDULE

RI	EGULAR SERVICE PERIOD		First	Every	Every	Every	D - f
mor	form at every indicated onth or operating hour interwhichever comes first (2).	Each use	month or 20 Hrs.	3 months or 50 Hrs.	6 months or 100 Hrs.	year or 300 Hrs.	Refer to page
Engine oil	Check level	0					
	Change		0		0		P. 3-2
Engine oil filte	er Replace					O (4)	P. 3-3
Air cleaner	Check	0					-
	Clean			0 (1)			P. 3-4
	Replace					O (3)	
Spark plug	Clean-Adjust				0		P. 3-6
	Replace					0	
Spark arrester (optional part					0		P. 3-8
idle speed	Check-Adjust					0	P. 3-6
Valve clearan	ce Check-Adjust					0	P. 3-5
Fuel filter	Check				0		
	Replace					0	P. 3-7
Fuel line	Check (Replace if necessary)		E	Every 2 year	s		P. 3-8

- (1) Service more frequently when used in dusty areas.
- (2) For professional commercial use, log hours of operation to determine proper maintenance intervals.
- (3) Replace the paper element only.
- (4) Every year or 200 Hrs.

2. ENGINE OIL

Oil level check:

Check the engine oil level with the engine stopped and in a level position.

- Remove the oil filler cap/dipstick, and wipe the dipstick clean.
- Insert and remove the dipstick without screwing it into the filler neck. Check the oil level shown on the dipstick.
- 3) If the oil level is near or below the lower limit mark on the dipstick, fill with the recommended oil to the upper limit mark (P. 3-3).
- 4) Reinstall the oil filler cap/dipstick securely.

Oil change:

Drain the used oil while the engine is warm. Warm oil drains quickly and completely.

- 1) Place a suitable container under the oil drain bolt.
- 2) Remove the oil filler cap/dipstick and the drain bolt, and drain the oil into the container.

NOTE:

If necessary, change the oil filter at this time (P. 3-3).

3) Retighten the drain bolt to the specified torque.

TORQUE: 39 N·m (4.0 kgf·m, 29 lbf·ft)

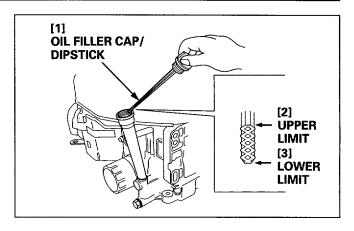
Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take used oil in a sealed container to your local recycling center or service station for reclamation. Do not throw it in the trash, pour it on the ground, or down a drain.

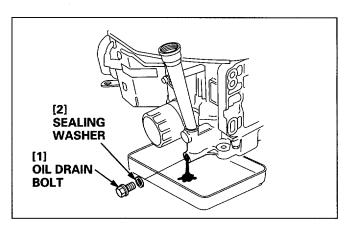
CAUTION:

Used engine oil contains substances that have been identified as carcinogenic.

If repeatedly left in contact with the skin for prolonged periods, it may cause skin cancer.

Wash your hands thoroughly with soap and water as soon as possible after contact with used engine oil.





Refill with new engine oil:

1) Refill with the recommended engine oil and check the level.

Engine oil capacity	Without oil filter replacement: 1.7 ℓ (1.8 US qt, 1.5 lmp qt) with oil filter replacement: 2.2 ℓ (2.3 US qt, 1.9 lmp qt)
---------------------	--

Recommended	SAE 10W-30
engine oil	Service classification SG, SF

If the oil level is near or below the lower limit mark on the dipstick, fill to the upper limit mark with the recommended oil.

NOTE:

When a new oil filter has been installed, recheck the engine oil level after running the engine for a few minutes.

3) Reinstall the oil filler cap/dipstick securely.

3. OIL FILTER

Oil filter change:

- 1) Drain the engine oil (P. 3-2).
- Remove the oil filter with a filter wrench and let the remaining oil drain out. Dispose of the oil filter in a manner that is compatible with the environment.

NOTE:

- Before removing the oil filter, place a rag under the filter to trap oil leakage.
- · Replace the oil filter as an assembly cartridge.

TOOL:

Oil filter wrench

07HAA - PJ70100

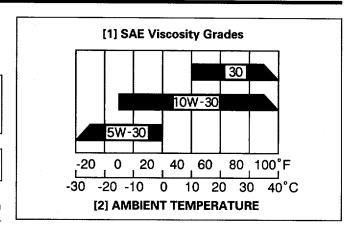
- 3) Apply a thin coat of engine oil to the new oil filter O-ring.
- 4) Install the new oil filter and tighten to the specified torque.

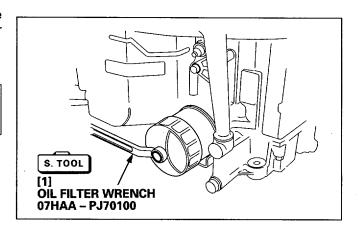
TORQUE: 22 N·m (2.2 kgf·m, 16 lbf·ft)

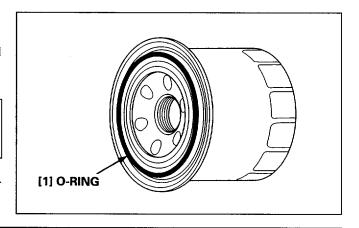
5) Fill the crankcase with the specified amount of engine oil and run the engine for a few minutes. Check for oil leaks in oil filter cartridge area.

Engine oil capacity	Without oil filter replacement: 1.7 \(\ell \) (1.8 US qt, 1.5 imp qt)
	with oil filter replacement: 2.2 \ell (2.3 US qt, 1.9 lmp qt)

6) Stop the engine and check the oil and fill to the upper limit mark if necessary.







4. AIR CLEANER

Cleaning:

A dirty air filter will restrict air flow to the carburetor, reducing engine performance. If the engine is operated in dusty areas, clean the air filter more often than specified in the MAINTENANCE SCHEDULE.

CAUTION:

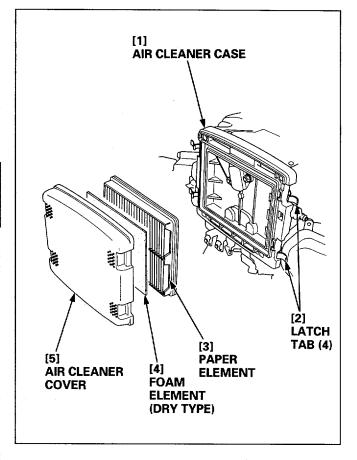
Operating the engine without an air filter or with a damaged air filter, will allow dirt to enter the engine, causing rapid engine wear. This type of damage is not covered by the Distributor's Limited Warranty.

- 1) Remove the air cleaner cover. Remove the foam element from the air cleaner cover. Remove the paper element from the air cleaner case.
- 2) Check both air cleaner elements for holes or tears and replace if damaged.
- 3) Clean both air cleaner elements if they are to be reused.

Foam element: Clean in warm soapy water, rinse and allow to dry thoroughly. Or clean in nonflammable solvent and allow to dry. Do not put oil to the foam element.

Paper element: Tap the element several times on a hard surface to remove dirt, or blow with compressed air [not exceeding 30 psi (207 kPa, 2.1 kgf/cm²)] through the element from the clean side that faces the engine. Never try to brush off dirt. Brushing will force dirt into the fibers.

- 4) Wipe dirt from the inside of the air cleaner case and cover, using a moist rag. Be careful to prevent dirt from entering the air duct that leads to the carburetor.
- 5) Place the foam element to the air cleaner cover. Reinstall the paper element and the air cleaner cover to the air cleaner case.



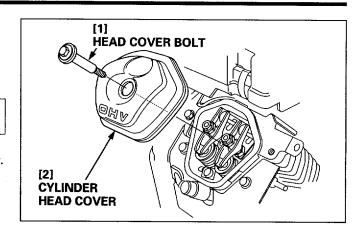
5. VALVE CLEARANCE

Inspection:

NOTE:

Valve clearance inspection and adjustment must be performed with the engine cold.

1) Remove the head cover bolt and the cylinder head cover.



- 2) Remove the recoil starter or screen.
- 3) Rotate the flywheel until the "T" mark on the cooling fan aligns with the "T" mark on the right side of the fan cover. (This alignment point is the top dead center of the No. 1 cylinder.)

Be sure that the No. 1 cylinder is at the top dead center of its compression stroke.

- 4) Check intake and exhaust valve clearance for the No. 1 cylinder by inserting a feeler gauge between the valve stem and the valve rocker arm.
- 5) Rotate the crankshaft 270° to put the No. 2 cylinder at top dead center of its compression stroke, and then check intake and exhaust valve clearance for that cylinder.

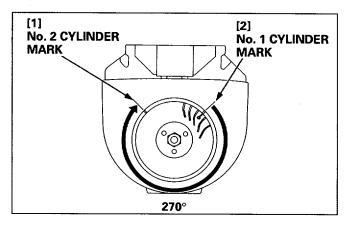
Standard valve	IN	0.15 ± 0.02 mm
(cold)	EX	0.20 ± 0.02 mm

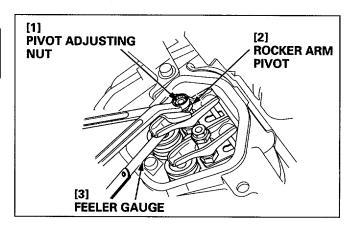
Adjustment

- With the cylinder at top dead center of its compression stroke, loosen the pivot adjusting nut, and turn the rocker arm pivot to obtain the specified intake and exhaust valve clearance.
- 2) Hold the rocker arm pivot using a wrench, and tighten the pivot adjusting nut.

TORQUE: 9 N·m (0.9 kgf·m, 6.5 lbf·ft)

3) Recheck valve clearance after tightening the adjusting nut.





6. SPARK PLUG

Inspection/Cleaning:

- Using a spark plug wrench, remove the spark plugs.
 Visually inspect the spark plugs.
 - Discard the plug if the insulator is cracked or chipped.
- 2) Remove carbon or other deposits with a stiff wire brush.
- 3) Measure the plug gap with a wire-type feeler gauge.

Standard spark	NGK	ZGR5A	
plug	DENSO	J16CR-U	

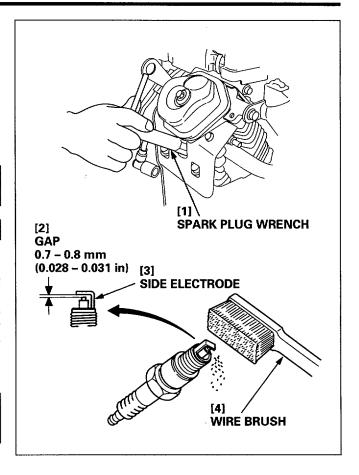
	Spark plug gap	0.7 – 0.8 mm (0.028 – 0.031 in)
П		

If necessary, adjust the gap by bending the side electrode.

- 4) Make sure the sealing washer is in good condition; replace the plug if necessary.
- 5) Install the plug fingertight to seat the washer, then tighten with a plug wrench (an additional 1/2 turn if a new plug) to compress the sealing washer. If you are reusing a plug, tighten 1/8 1/4 turn after the plug seats.

CAUTION:

A loose spark plug can become very hot and can damage the engine. Overtightening the spark plug can damage the threads in the cylinder barrel.



7. CARBURETOR

Adjustment:

• Throttle stop screw

- 1) Remove the two 5 x 20 mm tapping screws and the fuel pump cover.
- Start the engine and allow it to warm up to normal operating temperature.
- 3) With the engine idling, turn the throttle stop screw to obtain the standard idle speed.

Standard idle speed	1,400 ± 150 rpm

TAPPING SCREW (2) [2] FUEL PUMP COVER

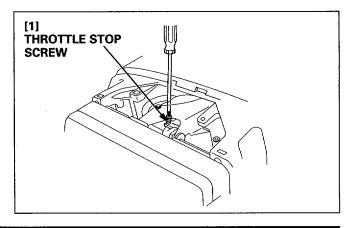
5 x 20 mm

Pilot screw

The pilot screw is fitted with a limiter cap to minimize the amount of exhaust emissions.

Do not attempt to remove the limiter cap for pilot screw adjustment. The limiter cap cannot be removed without breaking the pilot screw.

Pilot screw adjustment must be performed only when it is disassembled (P. 7-4).

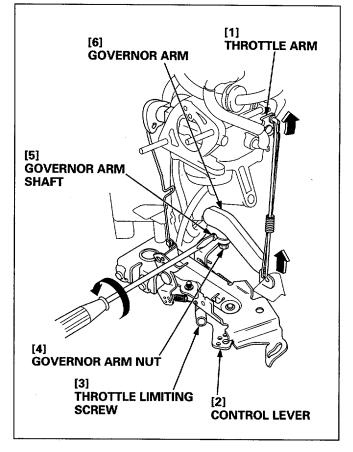


8. GOVERNOR

Adjustment:

- 1) Remove the air cleaner case (P. 4-1).
- 2) Loosen the governor arm nut.
- Check the throttle arm is positioned in the FAST position. The throttle valve should be opened fully.
- 4) Turn the governor arm shaft counterclockwise fully and tighten the governor arm nut.
- 5) Move the governor arm to the SLOW position while pushing the governor arm downwards and check that the throttle arm contacts the throttle stop screw.
- 6) Install the air cleaner assembly. Start the engine and allow it to warm up to normal operating temperature. Move the control lever to run the engine at the standard maximum speed, and adjust the throttle limiting screw so the control lever cannot be moved past that point.

Maximum speed	See P. 6-2



9. FUEL FILTER

Check:

AWARNING

Gasoline is highly flammable and explosive.

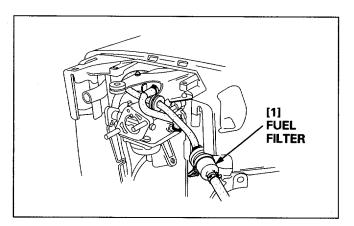
You can be burned or seriously injured when handling fuel.

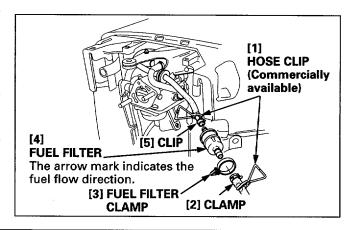
- · Keep heat, sparks, and flame away.
- · Handle fuel only outdoors.
- · Wipe up spills immediately.
- 1) Remove the fuel pump cover (P. 3-6) and the air cleaner case (P. 4-1).
- 2) Check the fuel filter for water accumulation or sediment. If water or sediment is found, replace the fuel filter.

Replacement

If water or sediment is found in the fuel filter proceed as follows:

- Pinch off the fuel lines at both sides of the fuel filter with two commercially available hose clips.
- 2) Being careful to prevent fuel leakage, disconnect the fuel lines from the fuel filter and remove the fuel filter.
- Install the new fuel filter so the arrow mark on the fuel filter points toward the fuel pump side.
- 4) Install the fuel filter to the fuel filter clamp.
- Connect the fuel lines to the fuel filter and remove the hose clips.
 - Secure the fuel lines to the fuel filter with the clamp and clip.
- 6) Check for leaks. Repair any fuel leaks before starting the engine.





10. FUEL LINE

Check:

AWARNING

Gasoline is highly flammable and explosive.

You can be burned or seriously injured when handling

- · Keep heat, sparks, and flame away.
- · Handle fuel only outdoors.
- · Wipe up spills immediately.
- 1) Remove the fuel pump cover (P. 3-6) and the air cleaner case (P. 4-1).
- 2) Check the fuel lines for deterioration, cracks or signs of leakage.
- 3) Drain the fuel into a suitable container.
- 4) Replace the fuel lines as necessary.

11. SPARK ARRESTER (Optional part)

Cleaning:

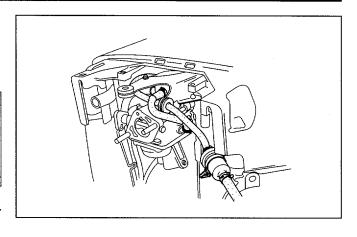
AWARNING

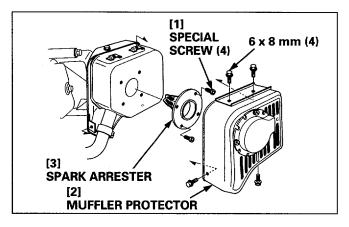
The muffler becomes very hot during operation and remains hot for a while after stopping the engine. Be careful not to touch the muffler while it is hot. Allow it to cool before proceeding.

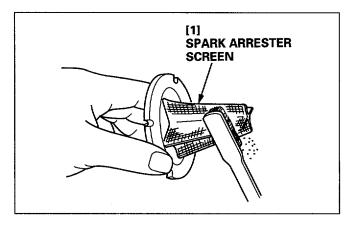
CAUTION:

The spark arrester must be serviced every 100 hours to maintain its efficiency.

- 1) Remove the four 6 x 8 mm bolts and side muffler protector.
- 2) Remove the four special screws and spark arrester.
- 3) Be careful not to damage the wire mesh of the spark arrester. Check for carbon deposits around the exhaust port and spark arrester screen. Clean, if necessary. Replace the spark arrester if there are any breaks or tears.







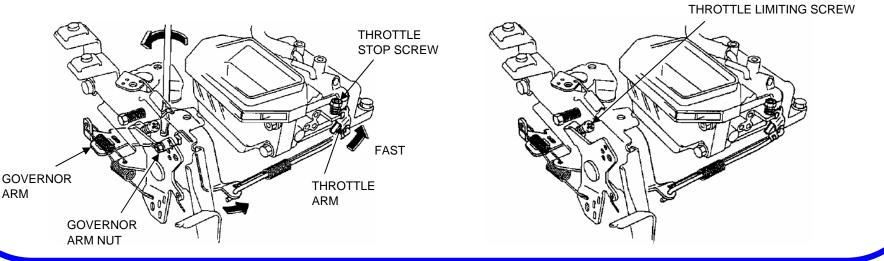
GX670 Engine Adjustment Information



GOVERNOR

- ①. Remove the air cleaner case.
- ②. Loosen the governor arm nut.
- ③. Check the throttle arm is positioned in the FAST position.
- ④. Tighten the governor arm nut after turning the governor arm shaft counterclockwise fully.
- ⑤. Move the governor arm to the slow position and check that the throttle arm contacts the throttle stop screw.
- ⑥. Install the air cleaner case. Start the engine and allow it to warm up to normal operating temperature.
 Move the control lever to run the engine at the standard maximum speed, and adjust the throttle limiting screw so the control lever cannot be moved past that point.

Maximum speed: $3,850 \pm 150 \text{ min-1 (rpm)}$



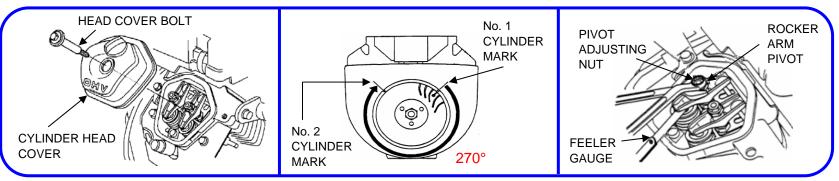
VALVE CLEARANCE

Valve clearance inspection and adjustment must be performed with the engine cold.

- ①. Remove the head cover bolt and the cylinder head cover.
- 2. Remove the recoil starter or screen.
- ③. Rotate the flywheel until the "T" mark on the cooling fan aligns with the "T" mark on the right side of the fan cover. (This alignment point is the top dead center of the No. 1 cylinder.) Be sure that the No. 1 cylinder is at top dead center of its compression stroke.
- ④. Check intake and exhaust valve clearance for the No. 1 cylinder by inserting a feeler gauge between the valve stem and the valve rocker arm.
- ⑤. Rotate the crankshaft 270° to put the No. 2 cylinder at top dead center of its compression stroke, and then check intake and exhaust valve clearance for that cylinder. VALVE CLEARANCE (cold): 0.15 ± 0.02 mm (IN), 0.20 ± 0.02 mm (EX)

ADJUSTMENT:

- ①. With the cylinder at top dead center of its compression stroke, loosen the pivot adjusting nut, and turn the rocker arm pivot to obtain the specified intake and exhaust valve clearance.
- ②. Hold the rocker arm pivot using a wrench, and tighten the pivot adjusting nut. TORQUE: 9 N·m (0.9 kgf·m, 6.5lbf·ft)
- ③. Recheck valve clearance after tightening the adjusting nut.

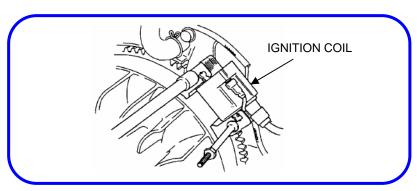


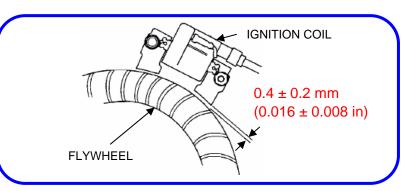
IGNITION COIL AIR GAP

Adjustment is required only when the ignition coil or the flywheel has been removed.

- ①. Loosen the ignition coil bolts.
- 2. Insert a long thickness gauge between the ignition coil and the flywheel. Both gaps should be adjusted simultaneously.
- ③. Push the ignition coil firmly toward the flywheel and tighten the bolts. SPECIFIED CLEARANCE: $0.4 \pm 0.2 \text{ mm}$ (0.16 $\pm 0.008 \text{ in}$)

NOTE: Avoid the flywheel magnet when adjusting the ignition coil air gap.







GENERAL PURPOSE ENGINE

GX670 GX670 IPROPANE ENGINEI

PARTS CATALOGUE





GX670

ENGINE GROUP

2

PART NUMBER INDEX

PART NAME INDEX

4

Instruction for use of parts catalogue

- This parts catalogue was prepared based on the latest information available as of September 20, 2005.
 - See the parts catalogue news for any revision that is made after September 20, 2005.
- Always specify the part number when ordering a part.
 - Check the model, type, serial numbers, color, maker, and the size as needed before ordering a part.
 - Note that the illustrations (part drawings) can differ from the actual parts in shape.

They are given just to help you to refer to the parts.

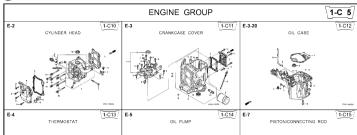
 When modifications or additions to this parts catalogue are made, a revised edition will be issued at an appropriate time, with successively progressing revision numbers on the cover. We recommend obtaining such revisions in order to keep your parts catalogue up-to-date at all times. To check whether a parts catalogue revision has been issued, please contact your Honda distributor.

<u>CONTENTS</u> Page	Address No.	
Instruction for use of parts catalogue	1 B 1	•
How to refer to the part information	2 B 2	
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How to check the part block and serial numbers	5 B 5	
Models, parts catalogue codes and applicable serial numbers	6 B 6	
• Features of each type	B 8	
Fuel hose, general purpose hoses and vinyl hose10) B10	
• FLAT RATE SERVICE TIME11	1 B11	
Illustrated index	B16	
• ENGINE GROUP20	D 1	2
PART NO. INDEX84	4 H 1	3
PART NAME INDEX87	7 11	4

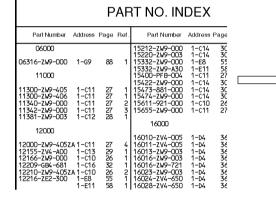
Initial version issue date January 10, 2000 Honda Motor Co., Ltd.



A Reference with "Illustrated index"



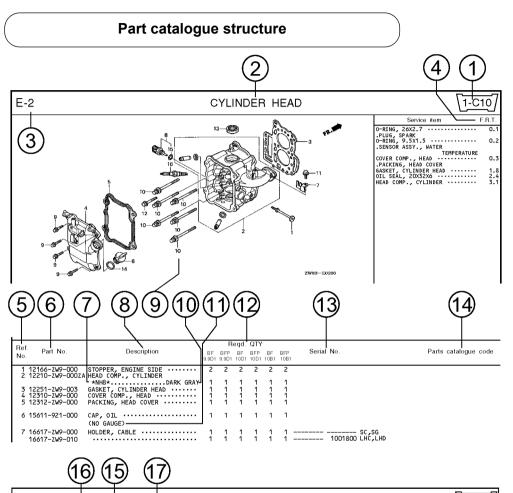
(B) Reference with "Part number index"



(C) Reference with "Part name index"

BORBER FUEL 1-E15 62 5 RMATURE COMP 1-B11 43 7 RMATURE COMP 1-B11 43 7 RM COMP 1-B6 85 18 BOLT , RM COMP 1-B6 85 12 BOLT , RM COMP 1-B15 79 20 RM ,FUEL PUMP ROCKER 1-C16 32 4 RM ,REVERSE LOCK 1-F15 79 18 RM ,REVERSE LOCK 1-F15 79 18 RM ,SHIFT LINK 1-F11 74 7 RM ,STOPPER 1-D1 33 12 RM ,THOTILE REMOTE 1-F11 74 6 RM ,VALVE ROCKER 1-C16 32 3	Part name	Address	Page	Ref.	
RM COMPLINK JOINT.	[A]				BOLT,
	RRMATURE COMP. RRM COMP. LINK JOINT. RRM COMP. SHIFT LINK. RRM COMP. TILT. RRM FUEL PUMP ROCKER. RRM FUEL SEVENSE LOCK. RRM SHIFT LINK. RRM SHIFT LINK. RRM STOPPER. RRM THROTTLE REMOTE.		43 85 85 79 32 79 74 33 74	18 14 20 4 18 7 12 6	BOLT, BOLT,

<u> </u>			Address No.
E-2		CYLINDER HEAD	1 <u>-C10</u>
9-6	lock No.	13-3-3-1111-7-7-1111-1111-1111-1111-111	Service item F.R.T.
Ref. Part No.	Description	Reqd. QTY BF BFP BF BFP BF BFP Serial No. 9.901 9.901 1001 1001 1081 1081	Parts catalogue code
1 12166-ZW9-00 2 12210-ZW9-00 3 12251-ZW9-00 4 12310-ZW9-00 5 12312-ZW9-00	OZA HEAD COMP., CYLINDER *NH8*DARK GRA JS GASKET, CYLINDER HEAD O COVER COMP., HEAD	Y 1 1 1 1 1 1 - 1 1 1 1 1 1 - 1 1 1 1 1 1	
6 15611-921-00 7 16617-ZW9-00 16617-ZW9-01	(NO GAUGE) O HOLDER, CABLE	- 1 1 1 1 1 1 sc.sg	
8 35673-ZW5-00 9 90003-ZW9-00 10 90007-ZW9-00	TEMPERATUR O BOLT, FLANGE, 6X22	. 4 4 4 4 4 4	
11 90011-zw9-00 12 90020-zw9-00 13 91202-KJ9-00 14 91301-805-00 15 91307-PK2-00	00 BOLT, FLANGE, 8X40 03 OIL SEAL, 20X32X6 00 O-RING, 26X2.7	· 2 2 2 2 2 2 · 1 1 1 1 1 1 · 1 1 1 1 1 1	
16 98059-55916 98059-55926	PLUG, SPARK (CR5EH-9) PLUG, SPARK (U16FER9)	. 2 2 2 2 2 2 2 .	
Page	No.	2000.09.20 E	



1 Address number

- Address No. is provided (in place of the page No.) to help you refer to the part with the part No. or part name.
- 2)Block title (3)Block number
- (4) Service item/Flat rate time
- (5) Reference number
 - Title number marked with the parenthesis or parentheses indicates that it continues from the previous page.
- (6) Part number (7) Honda color code
- **®Description**
- (9) Assemblies
 - Sections framed with broken lines in the exploded view drawings are available as complete assemblies. (Their individual parts can also be obtained.)
- (10) Color description
- 11)Note
 - Notes are shown with the parentheses in the part name column.
- (12) Required quantity
 - Required QTY shown in the parenthesis or parentheses indicates the optional part.
 - Required QTY marked with "N" Indicates the optional part that should be selected as needed.
 - Required QTY indicates the number of the part used in the block.
- (13) Serial number
- 14)Type
 - When the type column is blank, it indicates that the part is applicable to all types.
 - As the type of the actual unit may differ from the "parts catalogue, type" please refer to "Models, types and applicable serial numbers" for confirmation.
- 15
 - Parts enclosed within a dotted line are covered in a different block.
- (16)
 - A hollow arrow 🗘 indicates the block No. for the parts enclosed within a dotted line [...] .
- (17)
 - A solid arrow indicates the block No. the part in question is connected to.

When the parts were revised



	ef. lo.	Part No.	Description	BF 9.9D1	BFP 9.9D1	eqd. BF 10D1	BFP	BF	BFP 10B1	Serial No.
			STOPPER, ENGINE SIDE HEAD COMP., CYLINDER	2	2	2	2	2	2	
			*NH8*DARK GRAY	1	1	1	1	1	1	
			GASKET, CYLINDER HEAD	1	1	1	1	1	1	
			COVER COMP., HEAD	1	1	1	1	1	1	
	5	12312-ZW9-000	PACKING, HEAD COVER	1	1	1	1	1	1	
	6	15611-921-000	CAP, OIL(NO GAUGE)	1	1	1	1	1	1	
	7	16617-ZW9-000	HOLDER, CABLE (###)	1	1	1	1	1	1 ㎡	Sc.sg
		16617-ZW9-010	(πππ)	1	1	1	1	1	- i l i	(1001800\LHC,LHD
٠,				1	1	1	1	1	1 0	1001801) LHC,LHD
)						

The number has been when shown at the left side, When shown at the right side, used from the initial model it is applicable to the models it is applicable to the models without revision.

Of No.1001801 and the up to No.1001800. subsequent numbers.

L-The parts listed with "###" at the end of the parts name have limited supply period (parts not for sale).

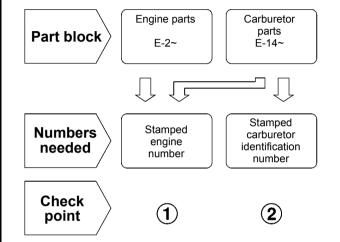
Abbreviations used in the parts catalogue

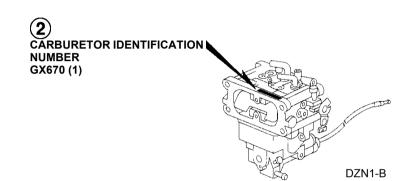
• The following abbreviations are used in the parts name column.

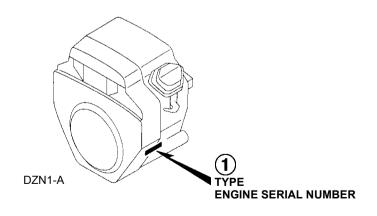
A Ampere	FRFro
A.C Alternating current	INInle
ASSY Assembly	L (100L) .Lin
AT Automatic	LLe
transmission	MMMil
C.D.I Capacitive discharge	MTMa
ignition	P.T.OPo
COMP Complete	RRig
D.C Direct current	RRRe
EX Exhaust	STDSta
G.F.C.I Ground fault circuit	T (22T)Too
interruptor	VVo
HEX Hexagonal	WWa
H.S.T Hydrostatic	V V

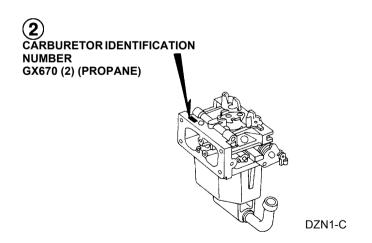
transmission

How to check the part block and serial numbers









Models, parts catalogue codes and applicable serial numbers

• Models, parts catalogue codes and applicable serial Nos. given in this parts catalogue can be identified as follows.

		Parts	Applicable					
Model	Type	catalogue	engine	carburetor				
		type	serial No.	identification No.				
	BAF	BAF	GCAM- 1000001~1049999	TB01A A BK01A A				
	DAF	BAF/A	GCAM- 1050001~	BK01A A				
	BDW	BDW	GCAM- 1000001~1049999	TB01A A BK01A A				
	PDW	BDW/A	GCAM- 1050001~	BK01A A				
	BXC	BXC	GCAM- 1000001~1049999	BK01E A				
	ВХО	BXC/A	GCAM- 1050001~	BROTE A				
		BXF	GCAM- 1000001~1049999	TB01A A BK01A A				
GX670 (1)	BXF	BXF/A	GCAM- 1050001~	BK01A A				
, ,	BXF5	BXF5	GCAM- 1000001~1049999	TB01A A BK01A A				
	מאמ	BXF5/A	GCAM- 1050001~	BK01A A				
	BXF9	BXF9	GCAM- 1000001~1049999	TB01A A BK01A A				
	טאו פ	BXF9/A	GCAM- 1050001~					
	TAB	TAB	GCAM- 1000001~1049999	BK01A A				
	IAD	TAB/A	GCAM- 1050001~					
	TAF	TAF	GCAM- 1000001~1049999	TB01A A BK01A A				

		Parts	Applicable	Applicable
Model	Type	catalogue	carburetor	
		type	serial No.	identification No.
	TAF	TAF/A	GCAM- 1050001~	BK01A A
	TAF5	TAF5	GCAM- 1000001~1049999	TB01A A BK01A A
	TAIS	TAF5/A	GCAM- 1050001~	BK01A A
	TAX1	TAX1	GCAM- 1000001~1049999	BK01F A
GX670 (1)	170(1	TAX1/A	GCAM- 1050001~	BROTT A
		TDW	GCAM-	TB01A A
	TDW		1000001~1049999	BK01A A
		TDW/A	GCAM-	
	TKW	TKW	1050001~	BK01A A
	TWF6	TWF6	GCAM- 1000001~1049999	BRUTA A
	10010	TWF6/A	GCAM- 1050001~	
	TXA2	TXA2	GCAM- 1000001~1049999	BK01D A
	170 (2	TXA2/A	GCAM- 1050001~	BROTE A
		TXF	GCAM-	TB01A A
	TXF		1000001~1049999	BK01A A
		TXF/A	GCAM- 1050001~	BK01A A
	TXF2	TXF2	GCAM- 1000001~1049999	TB01A A BK01A A
i			1000001 10-0000	יייייייייייייייייייייייייייייייייייייי

		Parts	Applicable	Applicable
Model	Type	catalogue	engine	carburetor
		type	serial No.	identification No.
	TXF2	TXF2/A	GCAM- 1050001~	BK01A A
	TXF3	TXF3	GCAM- 1000001~1049999	TB01A A BK01A A
	TALO	TXF3/A	GCAM- 1050001~	BK01A A
	TXF4	TXF4	GCAM- 1000001~1049999	TB01A A BK01A A
	17(1-4	TXF4/A	GCAM- 1050001~	BK01A A
	TXF5	TXF5	GCAM- 1000001~1049999	TB01A A BK01A A
		TXF5/A	GCAM- 1050001~	
GX670 (1)	TXF7	TXF7	GCAM- 1000001~1049999	BK01A A
	IAF7	TXF7/A	GCAM- 1050001~	
		TXF8	GCAM-	TB01A A
	TXF8	TXF8/A	1000001~1049999 GCAM- 1050001~	BK01A A BK01A A
	TXF9	TXF9	GCAM- 1000001~1049999	TB01A A BK01A A
	IAF9	TXF9/A	GCAM- 1050001~	
	TXW	TXW	GCAM- 1000001~1049999	BK01A A
	17.00	TXW/A	GCAM- 1050001~	

		Parts	Applicable	Applicable			
Model	Type	catalogue	carburetor				
		type	serial No.	identification No.			
		VAB2	GCAM-				
	VAB2	VAB2/A	VAB2/A GCAM- 1050001~				
VXE1		VXE1	GCAM- 1000001~1049999	BK01B B			
GX670	VALI	VXE1/A	GCAM- 1050001~	ם פוסום			
(1)		VXE2	GCAM-	TB01B A			
	VXE2	VALZ	1000001~1049999	BK01B B			
		VXE2/A	GCAM- 1050001~				
	VXE4	VXE4	GCAM- 1000001~1049999	BK01B B			
	V A E 4	VXE4/A	GCAM- 1050001~				
	VXC		GDACM- 1000001~1009999				
GX670	VAC	VXC/A	GDACM- 1010001~	BKL1A A			
(2) (Propane)	VXC2	VXC2	GDACM- 1000001~1009999	DALIA A			
	V A G Z	VXC2/A	GDACM- 1010001~				

GX670 (1) <u>TB01A A KC +</u> GX670 (2) (PROPANE) <u>BKL1A A KC +</u>

^{*} Of carburetor identification numbers, only the portions underlined in the example below are used for registration.

Features of each type

• See the following table for the features of each type. (Items in brackets are optional)

	Model							G	X670 (1)						
Specifications	Туре	BAF	BDW	вхс	BXF	BXF5	BXF9	TAB	TAF	TAF5	TAX1	TDW	TKW	TWF6	TXA2	TXF
	28.575mm Ø Straight							•	•	•	•	•	•	•	•	•
Crankahaft	36.5mm Ø Straight	•	•	•	•	•	•									
Crankshaft	5/16" Ø Tapered															
	3/8" Ø Tapered															
Air cleaner	Standard	•	•	•	•	•	•	•	•	•	•	•	•	•		•
	Snorkel														•	
NA. efficien	High-R	(•)	(•)	(•)	(•)	(•)	(•)		(•)		(•)	(•)	(•)	(•)		(•)
Muffler	High-L	(•)	(•)	(•)	(•)	(•)	(•)		(•)	•	(•)	(•)	(•)	(•)		(•)
Oil alert	•			•	•	•	•							•	•	•
Recoil starter											•					
Oil cooler		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Control box		•		•	•	•			•		•		•	•	•	•
Winter kit														(•)		

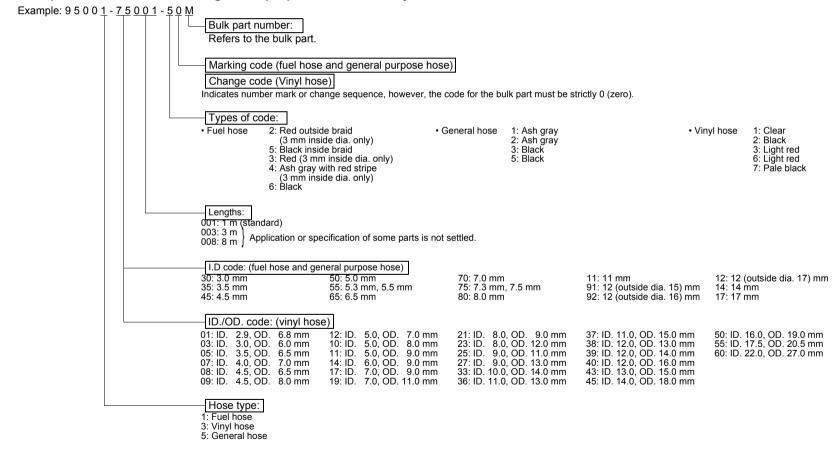
Model			GX670 (1)												70 (2) pane)
Specifications	Туре	TXF2	TXF3	TXF4	TXF5	TXF7	TXF8	TXF9	TXW	VAB2	VXE1	VXE2	VXE4	vxc	VXC2
	28.575mm Ø Straight	•	•	•	•	•	•	•	•						
Crankahaft	36.5mm Ø Straight														
Crankshaft	5/16" Ø Tapered										•	•	•	•	•
	3/8" Ø Tapered									•					
Air ala ana r	Standard	•	•	•	•	•	•	•	•		•	•	•	•	•
Air cleaner	Snorkel														
N.A. efflore	High-R		(•)	(•)	(•)		(•)	(•)	(•)		(•)	(•)	(•)	(•)	(•)
Muffler	High-L		•	(•)	(•)	•	•	(•)	(•)		(•)	(•)	(•)	(•)	(•)
Oil alert		•	•	•	•	•	•	•	•		•	•	•		•
Recoil starter															
Oil cooler		•	•	•	•	•	•	•	•	•	•	•	•		•
Control box		•	•	•	•	•	•		•		•	•	•		
Winter kit															

Fuel hose, general purpose hoses and vinyl hose

- The standard part fuel hose, general purpose hose and vinyl hose may be substituted by the coiled bulk part.
- When ordering the standard part fuel hose, general purpose hose and vinyl hose use the bulk part number written in the parts catalog in brackets () underneath the part name.
- When exchanging the hose, cut and use at the specified length as mentioned in the part name.

 (For the method of cutting the bulk part, and method of filling out orders etc., please refer to the instructions issued with the bulk part.)

Bulk part number of fuel hose, general purpose hose and vinyl hose.



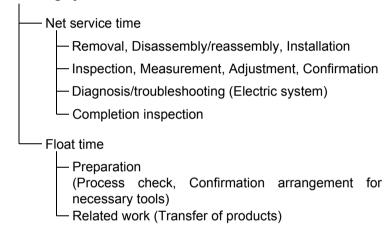
○ CAUTION: It is DANGEROUS to confuse the fuel hose with the general purpose hose or vinyl hose.

Never use a general purpose hose or vinyl hose in place of a fuel hose or vice versa. Always use the correct bulk part in the parts catalogue, according to the service manual or the instructions issued with the bulk part.

FLAT RATE SERVICE TIME

Flat rate service time (FRT) means the standard time required to service a product, which is listed in this manual to help the dealers control the actual working process and calculate the service charge by using it as a guide.

FRT setting system



* Float time is set by multiplying the net service time by a given coefficient.

Editorial style

The service items shown in the text are listed with the exchange work time for the repair sales parts as the subject. Other representative service items not using repair parts (removal/installation, adjustment, inspection/measuring, and other work) are listed collectively in the list in the preface, classified according to the work.

FRT setting standard

- Decimal system (in unit of 0.1) is adopted to set FRT as it is convenient to calculate the wage.
- Example: $(0.1) \rightarrow 6$ minutes, $(0.2) \rightarrow 12$ minutes [Labor cost per hour] x [FRT] = [Wage]
- FRT is set with a hand tool.
- Service items and FRT can be subject to change depending on development of tools and service equipment and improvement in service procedure.

Work procedure

- As the work procedure is set with the work time according to the method in the separate Service Manual, refer to this Manual as required.
- Work methods permitting servicing in the shortest time still permitting assurance of safe work and product warranty are used for the setting of service items not listed in the Service Manual.
- Work basically is to be performed by one person, and when two or more people are required, setting is done as the total time for the number of people.
- The set value for the technological level of the workers uses a person with three years of experience in the repair of Honda products as the standard.
- Special tools and service equipment used to set FRT are those specified or recommended in Service Manual.

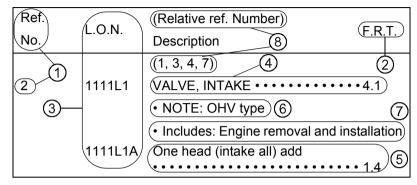
Service item whose FRT is not presented

- Accessories and service parts that are not listed to use in this manual.
- Locations with little aging deterioration or breakage during normal use.
- Service work that can be finished by one touch.
- Service work that is seldom done (i.e. extremely small causes of trouble and service frequency).
- Products and parts whose location for installation differs according to its status of use and application.
- * When FRT is not presented, please calculate wages based on appropriate actual work time.

Operation not included of FRT

- Oil and coolant water drainig, Waiting time for warming up operation and etc..
- Additional operation that involves removal/installation of standard exterior equipment.
- Indirect time spent for service by visiting the customer, trade-in, and delivery.
- Indirect time required for ordering and delivery of parts.
- Cost for grease, adhesive agent, etc. used for service work.

Explanation of FRT by using an example (The example may differ from the actual presented items)



- 1) Reference No. of the illustration of part that shows location of the replacement work.
- (2) FRT is an abbreviation of Flat Rate Time indicating the standard service time required for the replacement.
- (3)LON is an abbreviation of Labor Operation Number, and it is a classification of the service items by the work unit code.

The same operation code is used regardless of the models.

Standard operation is indicated with 6 digits code, and additional operation is indicated with 7 digits code.

- (4)Indicating the intake valve replacement and FRT4.1.
- (5) Indicating FRT1.4 that will be added when additional operation (whole intake side of one cylinder head) is done in association with intake valve replacement.

- 6 Indicating work condition or application condition of the service item.
- 7 Indicating work contents that are included in the service item.
- (8) Indicating a reference No. whose operation and time are the same as FRT4.1 for the intake valve.

(The application range is limited to the service items without an LON setting within a same block.)

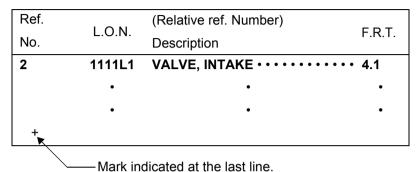
How to refer to the service item by using the sample (intake valve replacement)

Open to the page of the block where the intake valve's spare part illustration is shown.



Look for the intake valve illustration, and refer to the service item and FRT that agree with the reference No.

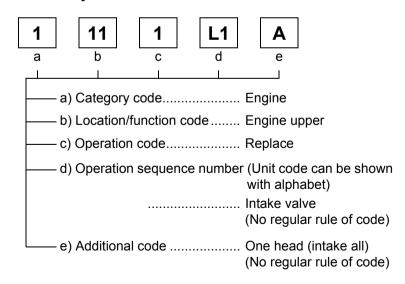
Indication mark for the listing of service items that continues to the following page



Indication of the block with no setting of FRT

NO INFORMATION · · · · · · · · · · · · · · · · · · ·					
No.	L.O.IN.	Description	r.K.I.		
Ref.	L.O.N.	(Relative ref. Number)	F.R.T.		

LON code system



1	11	1	L1	Α
а		С		

a) Category codes and classification

Code	Category						
1	Engine						
2	Power drive						
3	Fuel & Exhaust						
4	Frame & Body						
5	Steering						
6	Electrical						
7	Axle & Brake						
8	Control system						
9	-						
0	Attachments						

c) Operation codes and classification

Code	Operation category						
1	Replace, Removal/Installation, Change						
2	Overhaul						
3	Adjust, Rotation						
4	(Paint-related work: Top-coat)						
5	Test, Inspect/diagnose, Measurment						
6	(Overhaul-related work: Rebore)						
7	(Overhaul-related work: Reseal)						
8	(Resurface)						
9	(Paint-related work: Refinish)						
0	Repair, Cleaning, Air bleeding						

Major service items without using spare parts

(1) Removal/Installation, (2) Adjustment, (3) Inspection/ Measurement, (4) Overhaul, (5) Other work

E: Engine, T: Transmission, D: Drive system, B: Body and related parts

(1) Removal/Installation

Set with the parts configuration in the status of being removed from the product.

	LON	DESCRIPTION			
		CYLINDER HEAD ASSEMBLY- REMOVAL/INSTALLATION			
E	1111N0	LEFT	1.2		
	1111N1	RIGHT	1.2		
	1111N2	вотн	2.0		

(2) Adjustment

	LON	DESCRIPTION	FRT
	1113A1	VALVE CLEARANCE-ADJUSTMENT NOTE: For 1 product	0.3
Е	1163A0	CONTROL, THROTTLE/GOVERNOR- ADJUSTMENT	0.2
	3113A2	CARBURETOR IDLE-ADJUSTMENT	0.2

(3) Inspection, Measurement, Cleaning

	LON	DESCRIPTION	FRT
	1105A0	ENGINE OIL-INSPECTION	0.1
F	3120A0	AIR CLEANER-CLEANING INCLUDES: Air cleaner-inspection	0.2
	3130A0	SPARK ARRESTER-CLEANING	0.2
	6140A0	SPARK PLUG-ADJUSTMETN/CLEANING NOTE: For 1 product	0.2

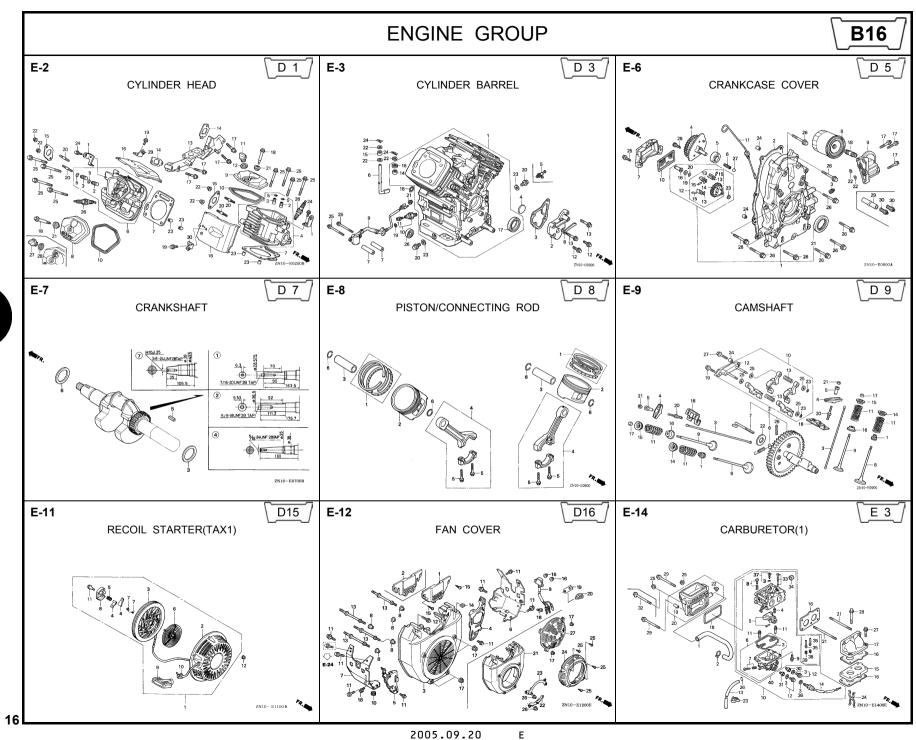
(4) Overhaul

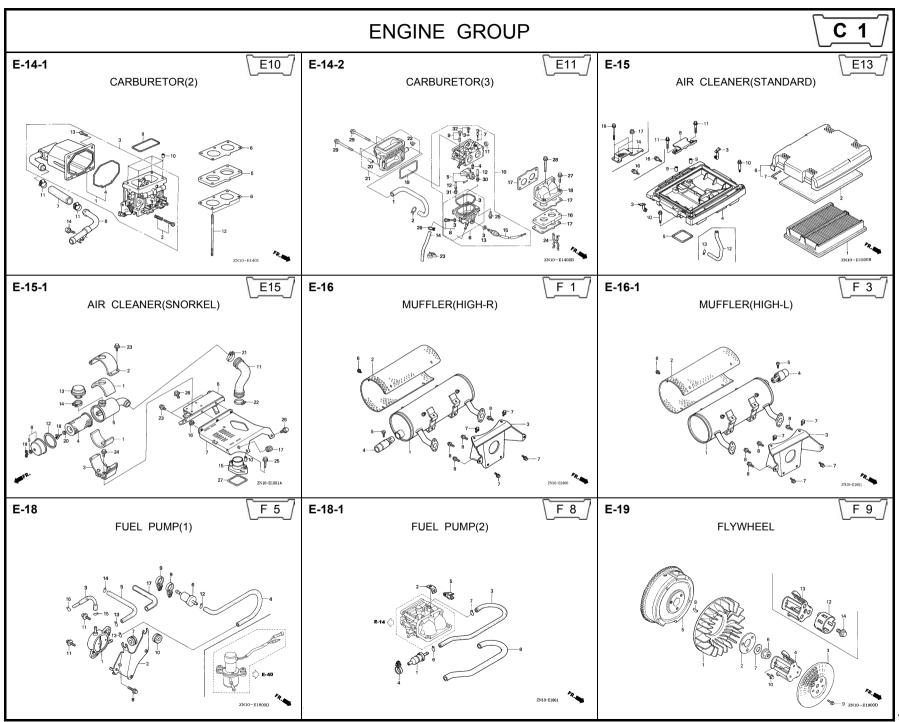
Work condition: The required Measurements, inspections, adjustments, and cleaning/washing of each part are performed, including the main body removal/installation work and the replacement of defective parts.

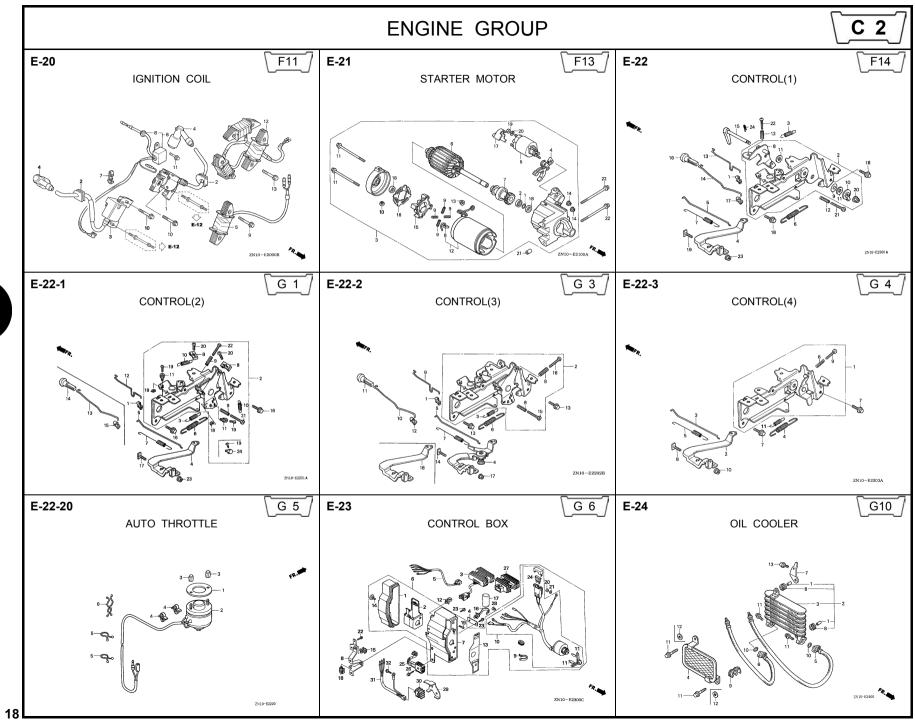
	LON	DESCRIPTION	FRT
Е	3112A0	CARBURETOR-OVERHAUL INCLUDES: All necessary adjustment	0.6

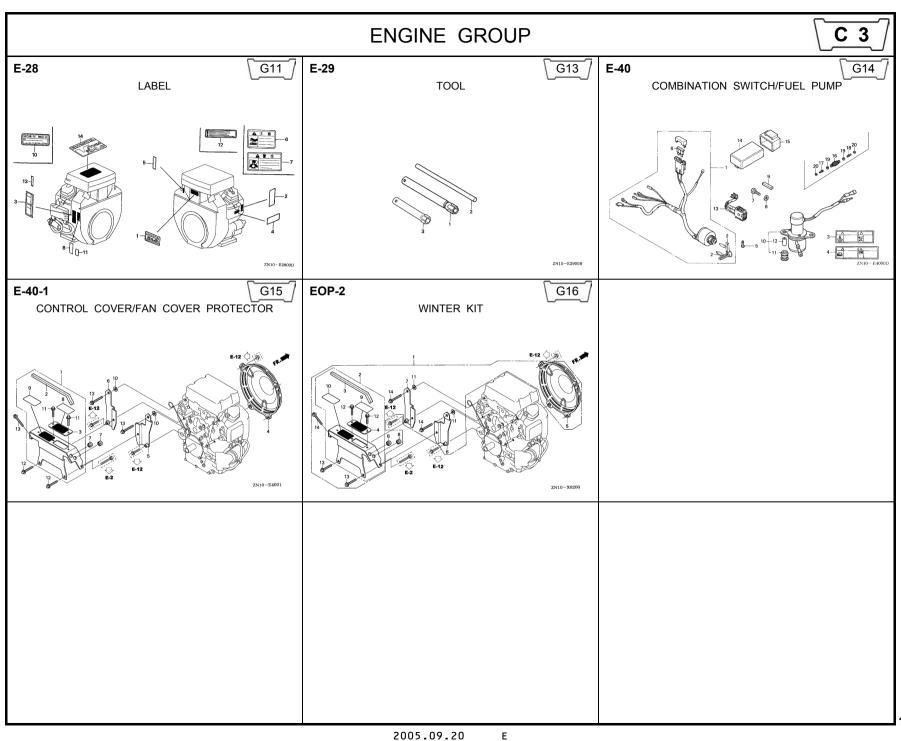
(5) Other work

	LON	DESCRIPTION	FRT
Е	1101E1	ENGINE OIL-CHANGE INCLUDES: Engine oil-inspection	0.1

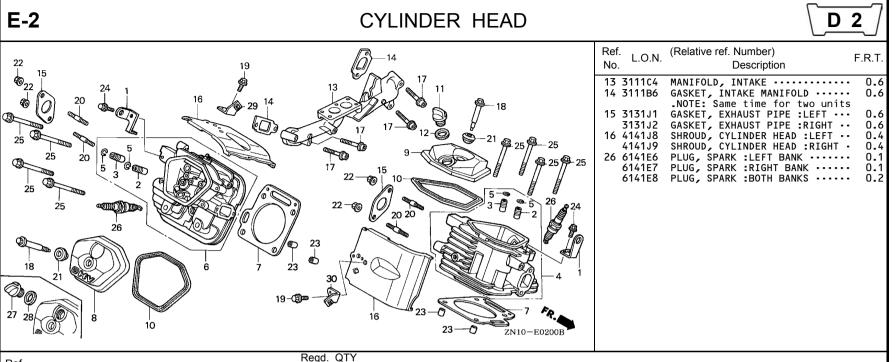








E-2 CYLINDER HEAD Ref. (Relative ref. Number) L.O.N. F.R.T. No. Description HEAD, CYLINDER :LEFT BANK ---- 1.6 4 1111F2 .INCLUDES: Valve clearance adjustment and reface 1111L4 HEAD, CYLINDER :BOTH BANKS --- 2.4 .INCLUDES: Valve clearance adjustment and reface 6 1111F3 HEAD, CYLINDER : RIGHT BANK --- 1.6 .INCLUDES: Valve clearance adjustment and reface 3 1111L4 HEAD, CYLINDER :BOTH BANKS --- 2.4 .INCLUDES: Valve clearance adjustment and reface 7 1111M4 GASKET, CYLINDER HEAD :LEFT -- 1.2 1111M5 GASKET, CYLINDER HEAD : RIGHT - 1.2 1111M6 GASKET, CYLINDER HEAD :BOTH -- 2.0 (10) 1111D4 COVER, CYLINDER HEAD AND/OR PACKING, HEAD COVER : RIGHT -- 0.2 1111L5 COVER, CYLINDER HEAD AND/OR PACKING, HEAD COVER :BOTH --- 0.4 (10) 1111D3 COVER, CYLINDER HEAD AND/OR 16 PACKING, HEAD COVER :LEFT --- 0.2 1111L5 COVER, CYLINDER HEAD AND/OR 23-0 ZN10-E0200B PACKING, HEAD COVER :BOTH --- 0.4 Reqd. QTY Ref. Serial No. Part No. Parts catalogue code Description GX670 No. (1) (2) 1 11911-ZJ1-840 HANGER, ENGINE --------- ----- TXA2,TXA2/A -- ----- BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TÁX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4, VXE4/A (2) (2) 2 12204-ZE2-306 GUIDE, IN. VALVE (O.S.) -----3 12205-ZJ1-405 GUIDE, EX. VALVE (O.S.) -----(2) (2) 4 12210-ZJ1-406 HEAD COMP., CYLINDER (#1) ---12210-ZJ1-407 5 12216-ZE2-300 CLIP, VALVE GUIDE 6 12220-ZJ1-405 HEAD COMP., CYLINDER (#2) ---12220-ZJ1-406 7 12251-ZJ1-841 GASKET, CYLINDER HEAD 12251-ZN1-821 COVER, HEAD -----8 12311-ZJ1-840 ----- VXC2,VXC2/A ----- VXC, VXC/A 12314-ZJ1-840 COVER, HEAD FILLER -----9 12314-ZJ1-840 COVER, HEAD FILLER ---------- ---- VXC2,VXC2/A 12311-ZJ1-840 COVER, HEAD ---------- ---- VXC VXC/A 10 12391-ZE2-020 PACKING, HEAD COVER 11 15611-MB0-000 CAP, OIL FILLER ----- ---- VXC2,VXC2/A 12 15625-ZJ1-840 PACKING, OIL FILLER CAP ---- ----- VXC2,VXC2/A

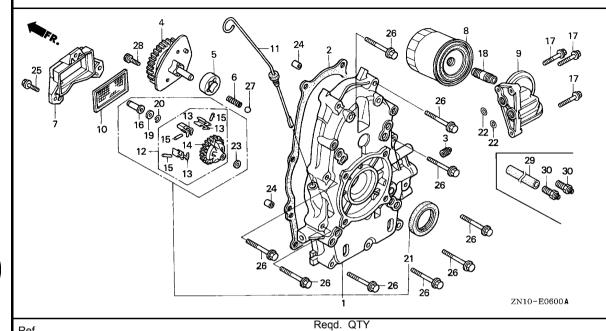


Ref.			kequ.	QII	0	
No.	Part No.	Description	GX6		Serial No.	Parts catalogue code
			(1)	(2)		
13	17101-ZN1-000	MANIFOLD, INTAKE	1	1		
	17151-ZJ1-841	GASKET, INTAKE MANIFOLD	2	2		
15	18333-ZE3-800	GASKET, EX. PIPE ·····	2	2		
16	19682-ZJ1-840	SHROUD, HEAD	2	2		
	90011-ZJ1-841	BOLT, SOCKET, 8X45 ·····	4	7		
	90014-ZE2-000	BOLT, HEAD COVER	2	ž		
	90014-952-000	BOLT, FLANGE, 6X14(CT200)	2	2		
	90018-ZJ1-840	BOLT, STUD, 8X22 ·····	4	4		
	90441-ZE2-010	WASHER COMP., HEAD COVER	2	2		
	94050-08000	NUT, FLANGE, 8MM ·····	4	4		
	94301-12200	DOWEL PIN, 12X20	4	4		
	95701-08020-00	BOLT, FLANGE, 8X20 ·····	2	2		
	95701-10080-00	BOLT, FLANGE, 10X80	8	-		
	90081-KK0-000	BOLT, FLANGE, 10X81 ·····	-	8		
26	98079-52876	PLUG, SPARK (BPR2ES)(NGK)	(2)	_		
	98079-5485V	PLUG, SPARK (J14CR-U)(DENSO)	(2)	_		
	98079-5487V	PLUG, SPARK (ZGR4A) ·····	(2)	_		
	98079-5585V	PLUG, SPARK (J16CR-U)(DENSO)	2	-		
	98079-5587V	PLUG, SPARK (ZGR5A)	2	-		
	98079-5547V	PLUG, SPARK (ZGR5A-4)	-	2		
	15611-MB0-000	CAP, OIL FILLER	-	1		
	15625-ZJ1-840	PACKING, OIL FILLER CAP	-	1	VXC	,VXC/A
	17213-ZJ4-830	BRACKET, R. AIR CLEANER	-	1		
30	17214-ZJ4-830	BRACKET, L. AIR CLEANER	-	1		
1						
I						

		D	eqd. Q	TV			
Ref. No.	Part No.	Description	GX670		Serial	No.	Parts catalogue code
-	12000-ZN1-010 12000-ZN1-800	BARREL ASSY., CYLINDER BARREL ASSY., CYLINDER	1	-		1005629	BAF,BDW,TAF,TAF5,TDW
	12000-ZN1-Q00 12000-ZN1-408	(OIL ALERT) BARREL ASSY., CYLINDER BARREL ASSY., CYLINDER	1 1	_ :		1005759 1018013	BXF,BXF5,BXF9,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9 TAX1
	12000-zn1-409	(W/O-PUMP) BARREL ASSY., CYLINDER	- -	1 .			VXC2,VXC2/A
	12000-ZN1-Q01 12000-ZN1-405		1 1 1		1018014		
	12000-ZN1-406		1 1 1	<u>-</u> -	1005630 1005630	1009898	BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A
	12000-zn1-407		1 1 1	- 1 -			
3 4	12356-ZJ1-000 12358-ZJ1-000 12372-ZE2-300 15558-ZJ1-003	COVER, BREATHERPACKING, BREATHER COVERVALVE, BREATHERVALVE, OIL SHUT-OFF	1 1 1 (1) (1 1 1 (1)	1002312		
	16541-ZJ1-840 25523-VD6-010	SHAFT, GOVERNOR ARM COLLAR, FILTER SETTING	1 2	1 2			BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TWF6,TWF6/A,TXA2,TXA2/A TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7 TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXC2,VXC2/A,VXE1,VXE1/A,VXE2,VXE2,VXE4,VXE4/A

E-3	CYLINDER BARREL	\ D 4 \
= 0	OTENIBEIT BANKEE	\ <u>-</u> \

Ref. No.	Part No.	Description		QTY 670 (2)	Serial No	. Parts catalogue code
	31511-ZJ1-000 35480-ZJ1-841	CLAMPER, CORD SWITCH ASSY., OIL LEVEL	1 1	1		BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TWF6,TWF6/A,TXA2,TXA2/A TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,A,VXC2,VXC2/A,VXE1,VXE1/A,VXE2,VXE2/A
	37240-zG3-E01 37240-zG5-004	SWITCH, OIL PRESSURE	1 1 1	1 - -		VXE4,VXE4/A BAF,TAB,TAF,TAF5,TXF3,VAB2,VXC,VXC/A 50989 BAF/A,TAB/A,TAF/A,TAF5/A,TXF3/A,VAB2/A TKW BAF/A,TAB/A,TAF/A,TAF5/A,TXF3/A,VAB2/A
11 9	90002-ZG5-004	SCREW-WASHER, 4X8	1	1		BAF,BAF/A,TAB,TAB/A,TAF,TAF/A,TAF5,TAF5/A,TKW,TXF3,TXF3/A,VAB2,VAB2/A
13 9 14 9	90029-888-000 90031-ZE1-000 91001-ZJ1-841 91002-ZJ1-841	BOLT, FLANGE, 6X16(CT200) BOLT, FLANGE, 6X32 BEARING, NEEDLE, 8X12.7X11.1 BEARING, NEEDLE, 8X12X10	2 1	2 2 1 1		VXC,VXC/A
17 9 18 9	91201-ZE9-003 91201-ZJ1-841 91302-MB6-830 91353-671-004	OIL SEAL, 8X14X5	1 1 1 1	1 1 1		BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TWF6,TWF6/A,TXA2,TXA2/A TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,A,VXC2,VXC2/A,VXE1,VXE1/A,VXE2,VXE2/A
20 9	92800-14000	BOLT, DRAIN PLUG, 14MM ·····	2	2		VXE4,VXE4/A
21 9	94050-10000	NUT, FLANGE, 10MM ·····	1	1		BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TWF6,TWF6/A,TXA2,TXA2/A TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXC2,VXC2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
23 9 24 9	94102-08800 94109-14000 94251-08000 95701-06075-09	WASHER, PLAIN, 8MM	2 2	3 2 2 2		BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TWF6,TWF6/A,TXA2,TXA2/A TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXC2,VXC2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
26 9	96140-60030-10	BEARING, RADIAL BALL, 6003	1	1		



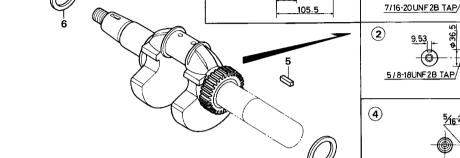
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1101F1	COVER, CRANKCASE	1.5
2	1101E9	PACKING, CRANKCASE COVER	0.9
	1131A2	COVER, OIL PUMP	1.0
5		(6,27)	
	1131B3	ROTOR, OIL PUMP OUTER	1.0
7	1101B5	COVER, OIL FILTER	
	110175	CARTRIDGE, OIL FILTER	0.2
9		(22)	
	1101A2	BASE, OIL FILTER	
10	1101b2	SCREEN, OIL FILTER	1.0
14		(13)	
	1161A7	HOLDER, GOVERNOR WEIGHT	
21	1101E5	OIL SEAL, CRANKSHAFT : REAR	1.0
i i			
ì			

Ref	:	R	eqd.	QTY			
No.	Part No	Description	GX6 (1)	670 (2)	Serial	l No.	Parts catalogue code
1	11300-zJ1-840	COVER ASSY., CRANKCASE	1	-		1010254	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,VXE2
	11300-ZJ1-841		1 1	1			· TAX1,TWF6,TXF7,TXW,VAB2,VXC,VXC2,VXE1,VXE4 · BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4 · TXF5,TXF8,TXF9,VXE2
			1	1			BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1/A,TDW/A TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7/A,TXF8/A,TXF9/A TXW/A,VAB2/A,VXE1/A,VXE2/A,VXE4/A VXC/A,VXC2/A
	11300-ZJ1-842		1				· TKW
	11300 201 042		1	-	1050748		BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1/A,TDW/A TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7/A,TXF8/A,TXF9/A TXW/A,VAB2/A,VXE1/A,VXE2/A,VXE4/A
			_	1	1010162		VXC/A,VXC2/A
2	11381-ZJ1-840	GASKET, CASE COVER	1	1			,
3	12105-ZAO-701	BOLT, SEALING	1	1			BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAX1,TAX1/A,TDW TDW/A,TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF5 TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXC2,VXC2/A,VXE1 VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
	15120-ZJ1-000 15124-ZJ1-003	COVER ASSY., OIL PUMP ROTOR, OIL PUMP OUTER	1 1	1 1			
7	15232-ZJ1-000 15348-ZJ1-840 15400-ZJ1-004	SPRING, RELIEF VALVE COVER, OIL FILTER CARTRIDGE, OIL FILTER	1 1	1 1			
	15411-ZN1-000 15427-ZJ1-000	(TOYO ROKI) BASE, OIL FILTER	1 1 1	1 1 1			
•							

E-6	CRANKCASE COVER	D 6

Ref. No.	Part No.	Description	Reqd. (GX6 (1)		Serial No.	Parts catalogue code
12 13 14 15	15655-ZJ1-861 16510-ZJ1-840 16511-ZJ1-840 16512-ZJ1-840 16513-ZE2-000 16531-ZE2-000	GAUGE COMP., OIL LEVEL GOVERNOR ASSY WEIGHT, GOVERNOR WEIGHT PIN, GOVERNOR WEIGHT SLIDER, GOVERNOR	1 1 3 1 3	1 1 3 1 3	1010254	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4
	16531-ZOA-000		1	-		TXF5,TXF8,TXF9,VXE2 BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF5/A,TXF4/A,TAF5/A,TAF5/A,TAX1/A TDW/A,TKW,TWF6,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7 TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,VXE2
18 19	90015-883-000 90018-PN3-000 90473-147-000 90602-ZE1-000	BOLT, FLANGE, 6X28	- 3 1 1	1 3 1 1		1713,1710,1717,7712
22 23 24	91202-zJ1-841 91302-zE9-003 94101-06800 94301-08140 95701-06020-00	OIL SEAL, 38X58X9 O-RING, 11.8X2.4 WASHER, PLAIN, 6MM DOWEL PIN, 8X14 BOLT, FLANGE, 6X20	1 2 1 2 3	1 2 1 2 3		
27 28 29	95701-08050-00 96211-12000 96600-06016-00 15614-ZN1-820 15615-ZN1-820	BOLT, FLANGE, 8X50 BALL, STEEL, #12 (3/8) BOLT, SOCKET, 6X16 HOSE, OIL JOINT, OIL HOSE	9 1 2 - -	9 1 2 1 2		

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7 M10.J.25 8 8 8 8

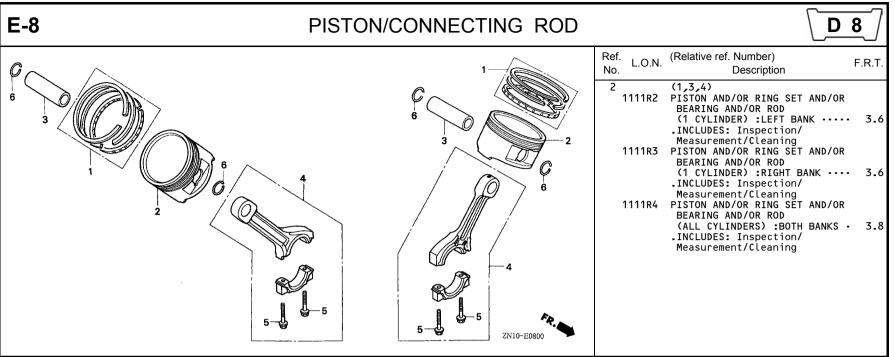
Ref. No.	L.O.N.	(Relative ref. Number) Description				
1	1101F0	(2,4,7) CRANKSHAFT ······	3.4			

ZN10-E0700B

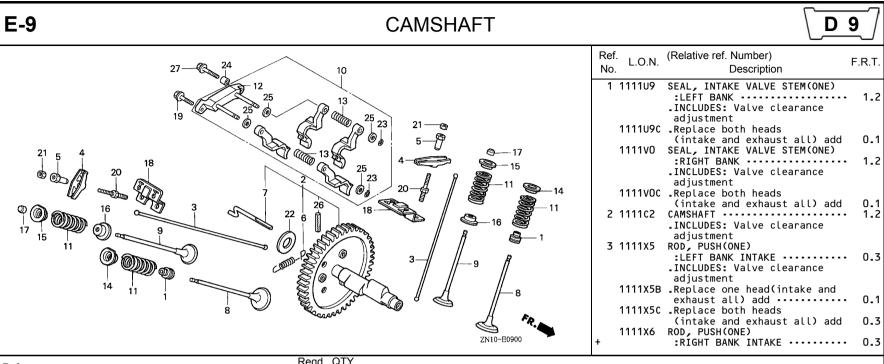
5/16-24UNF 2BTAP 6

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Ref.	Ref. Part No. Description			Y Serial No.	Parts catalogue code		
No.	Fait No.	Description	GX670 (1) (2)		Faits Catalogue Code		
1	13310-ZN1-000	CRANKSHAFT COMP	1 -		TAB,TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A		
	13310-ZN1-800 90401-ZJ1-000	CRANKSHAFT COMPWASHER, CRANKSHAFT THRUST (38.5X54.0X1.0)	1 -		BAF,BAF/A,BÓW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A		
4	13310-ZN1-810	CRANKSHAFT COMP.	i -		VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A		
	90745-ZE2-600 90745-ZJ1-V10	KEY, 6.3X6.3X43	1 -		TAF5,TAF5/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF9,TXF9/A TAX1,TAX1/A		
6	90401-ZJ1-000	WASHER, CRANKSHAFT THRUST (38.5X54.0X1.0)	1 -	1018013	TAX1		
	90401-ZJ1-940	WASHER, CRANKSHAFT THRUST (38.5X58.0X2.0)	1 -	1018014			
7	13310-ZN1-U40	CRANKSHAFT COMP	i -		VAB2,VAB2/A		



Ref	Ref.				
No.	Part No	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
2 3 4	13010-ZJ1-841 13011-ZJ1-841 13012-ZJ1-841 13013-ZJ1-841 13101-ZN1-000 13102-ZN1-000 13103-ZN1-000 13104-ZN1-000 13111-ZJ1-840 13200-ZN1-003 90001-ZN1-000	RING SET, PISTON (STD.) (NIPPON) RING SET, PISTON (0.25) (NIPPON) RING SET, PISTON (0.50) (NIPPON) RING SET, PISTON (0.75) (NIPPON) PISTON (STD.) PISTON (0.25) PISTON (0.50) PISTON (0.75) PIN, PISTON ROD ASSY., CONNECTING BOLT, CONNECTING ROD, 6X37	2 2 (2)		
6	94601-18000 90551-ZE1-000	CLIP, PISTON PIN, 18MM ·····	4 4		- BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TAX1,TDW,TWF6,TXA2,TXF,TXF2 TXF3,TXF4,TXF5,TXF7,TXF8,TXF9,TXW,VAB2,VXC,VXC2,VXE1,VXE2,VXE4 - BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1/A,TDW/ TKW,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7/A,TXF8/A TXF9/A,TXW/A,VAB2/A,VXC/A,VXC2/A,VXE1/A,VXE2/A,VXE4/A



Ref.				QTY		
No.	Part No.	Description	GX	670	Serial No.	Parts catalogue code
140.			(1)	(2)		
1	12209-ZE8-003	SEAL, VALVE STEM	2	2		
_	14100-ZJ1-842	CAMSHAFT ASSY	1	1		
	14410-ZJ1-840	ROD, PUSH	4	4		
	14431-ZE2-010	ARM, VALVE ROCKER	4	4		
5	14451-ZE1-013	PIVOT, ROCKER ARM	4	4		
6	14568-ZJ1-841	SPRING, WEIGHT RETURN	1	1		
	14576-ZJ1-840	PIN, DECOMPER	1	1		
	14711-ZE3-000	VALVE, IN	2	<u>'</u>		
	14711-ZES-000 14711-ZF6-F00	VALVE, IN. (GAS)	_	2		
	14721-ZE3-000	VALVE, EX	2	_		
-	14721-ZF6-F00	VALVE, EX. (GAS)	_	2		
10	14730-ZJ1-841	LIFTER ASSY., VALVE	1	1		
			_			
	14751-ZE2-003	SPRING, VALVE	4	4		
	14760-ZJ1-840	SHAFT COMP., VALVE LIFTER	1	1		
	14764-ZJ1-840	SPRING, VALVE LIFTER	2	2		
	14771-ZE2-000	RETAINER, IN. VALVE SPRING	2	2		
	14773-ZE2-000	RETAINER, EX. VALVE SPRING	2	_		
	14771-ZE2-000	RETAINER, IN. VALVE SPRING	-	2		
16	14775-ZE2-010	SEAT, VALVE SPRING	2	2		
	14781-ZE2-000	ROTATOR, VALVE	2	_		
	14791-ZE2-010	PLATE, PUSH ROD GUIDE	2	2		
19	90005-896-000	BOLT, FLANGE, 5X16 ·····	1	1		
20	90012-ZEO-010	BOLT, PIVOT, 8MM ·····	4	4		
24	00007 754 000	NUT DIVOT AD HIGHING	,	,		
	90206-ZE1-000	NUT, PIVOT ADJUSTING	4	4		
22	90446-357-000	WASHER, THRUST, 17.2MM ·····	1	1		

.INCLUDES: Valve clearance

adjustment

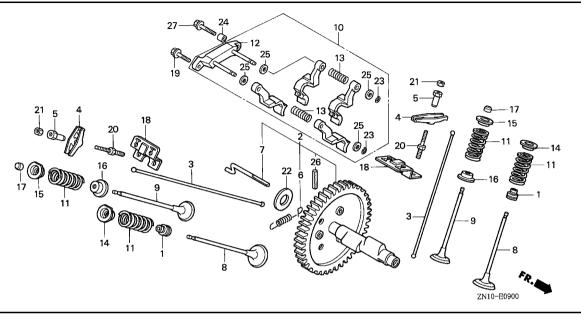
Parts catalogue code

E-9 **CAMSHAFT D10** (Relative ref. Number) Ref. L.O.N. F.R.T. No. Description + 3 .INCLUDES: Valve clearance adiustment 1111X6B Replace one head(intake and exhaust all) add -----0.1 1111X6C .Replace both heads (intake and exhaust all) add 1111X7 ROD, PUSH(ONE) :LEFT BANK EXHAUST 0.3 .INCLUDES: Valve clearance adjustment 1111X7B .Replace one head(intake and exhaust all) add 0.1 1111X7C .Replace both heads (intake and exhaust all) add 1111X8 ROD, PUSH(ONE) 0.3 :RIGHT BANK EXHAUST ----- 0.3 .INCLUDES: Valve clearance adjustment 1111X8B Replace one head(intake and exhaust all) add ····· 0.1 1111X8C .Replace both heads (intake and exhaust all) add 0.3 4 1111T1 ARM, ROCKER :LEFT BANK INTAKE 0.3

ZN10-E0900

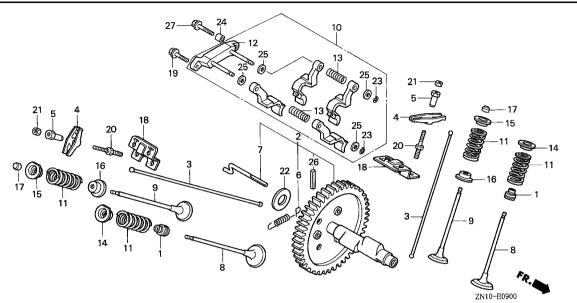
Pof	ŀ	Reqd.	QTY			
Ref. Part No. No.	Description	GX6 (1)	670 (2)	Serial No.		
23 90602-ZE1-000	CLIP, GOVERNOR HOLDER					
24 90702-GB6-910	DOWEL PIN, 8X12	1	1			
25 94101-06800	WASHER, PLAIN, 6MM	4	4			
26 94305-60282	PIN, SPRING, 6X28 ·····	1	1			
27 95701-06025-00	BOLT, FLANGÉ, 6X25 ·····	1	1			

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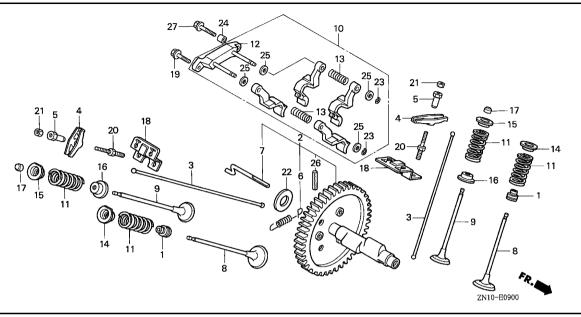


Ref. No.	I () N	(Relative ref. Number) Description	F.R.T.
+ 4	1111T1A	Replace left bank exhaust rocker arm add •••••••	0.1
	1111T1B	Replace both heads (intake and exhaust all) add	0.3
	111103	ARM, ROCKER :LEFT BANK EXHAUST .INCLUDES: Valve clearance adjustment	0.3
	1111U3A	Replace left bank intake rocker arm add	0.1
	1111U3B	Replace both heads (intake and exhaust all) add	0.3
	1111T2		
	1111T2A	Replace right bank exhaust rocker arm add	0.1
	1111T2B		0.3
	1111U4	ARM, ROCKER :RIGHT BANK EXHAUST INCLUDES: Valve clearance	0.3
	1111U4A	adjustment Replace right bank intake	
+		rocker arm add	0.1

E-9 CAMSHAFT D12

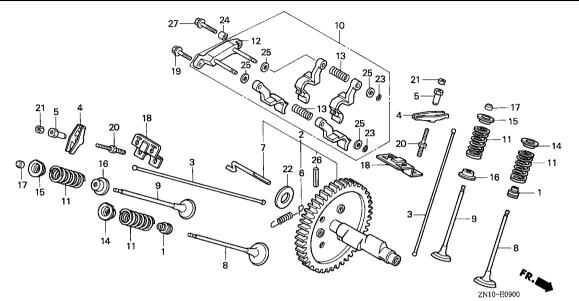


Ref No.	1 () N	(Relative ref. Number) Description	F.R.T.
+ 4	1111U4B	.Replace both heads (intake and exhaust all) add	0.3
8	1111T9	VALVE, INTAKE(ONE) :LEFT BANK .INCLUDES: Valve clearance	1.3
	1111Т9В	adjustment and reface .Replace one head(intake and	0.1
	1111T9C	exhaust all) add	
	111101	<pre>(intake and exhaust all) add VALVE, INTAKE(ONE) :RIGHT BANK .INCLUDES: Valve clearance</pre>	0.3 1.3
	1111U1B	adjustment and reface Replace one head(intake and	
		exhaust all) add	0.1
_		(intake and exhaust all) add	0.3
9	111100	VALVE, EXHAUST(ONE) :LEFT BANK .INCLUDES: Valve clearance	1.3
	1111U0B	adjustment and reface Replace one head(intake and	
	1111U0C	exhaust all) add	0.1
	1111112	(intake and exhaust all) add VALVE, EXHAUST(ONE)	0.3
+		:RIGHT BANK	1.3



Ref. No.	1 () N	(Relative ref. Number) Description	F.R.T.
+ 9		.INCLUDES: Valve clearance adjustment and reface	
	1111U2B		0.1
	1111U2C	<pre>.Replace both heads (intake and exhaust all) add</pre>	0.3
10	1111F7		
11	11111/9	adjustment	
••	111117	:INTAKE LEFT BANK	1.2
	4444104	adjustment	
		<pre>.Replace one head(intake and exhaust all) add</pre>	0.1
	1111V9B	<pre>.Replace both heads (intake and exhaust all) add</pre>	0.3
	1111WO	SPRING, VALVE(ONE) :INTAKE RIGHT BANK	1.2
		<pre>.INCLUDES: Valve clearance adjustment</pre>	
	1111WOA	Replace one head(intake and exhaust all) add ·······	0.1
	1111W0B	<pre>.Replace both heads</pre>	
+		(intake and exhaust all) add	0.3

E-9 CAMSHAFT D14



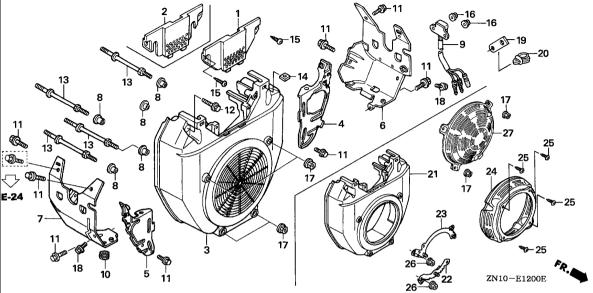
Ref. No.	1 () N	(Relative ref. Number) Description	F.R.T.
+11	1111W1	SPRING, VALVE(ONE) :EXHAUST LEFT BANKINCLUDES: Valve clearance adjustment	1.2
Ì		Replace one head(intake and exhaust all) add ······	0.1
1		<pre>.Replace both heads (intake and exhaust all) add</pre>	0.3
Ī	1111W2	SPRING, VALVE(ONE) :EXHAUST RIGHT BANK INCLUDES: Valve clearance adjustment	1.2
Ī	1111W2A	Replace one head(intake and exhaust all) add ······	0.1
1	1111W2B	Replace both heads (intake and exhaust all) add	0.2
12	1111P2	SHAFT, VALVE LIFTER	

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E-11 RECOIL STARTER(TAX1) **D15** Ref. L.O.N. (Relative ref. Number) F.R.T. No. Description 1 1121B9 STARTER, RECOIL 0.1 3 1121B1 REEL, RECOIL STARTER 0.4 4 (7) 1121BO RATCHET, STARTER AND/OR SPRING, RATCHET 0.2 10 1121B3 ROPE, RECOIL STARTER ----- 0.4 ZN10-E1100 A

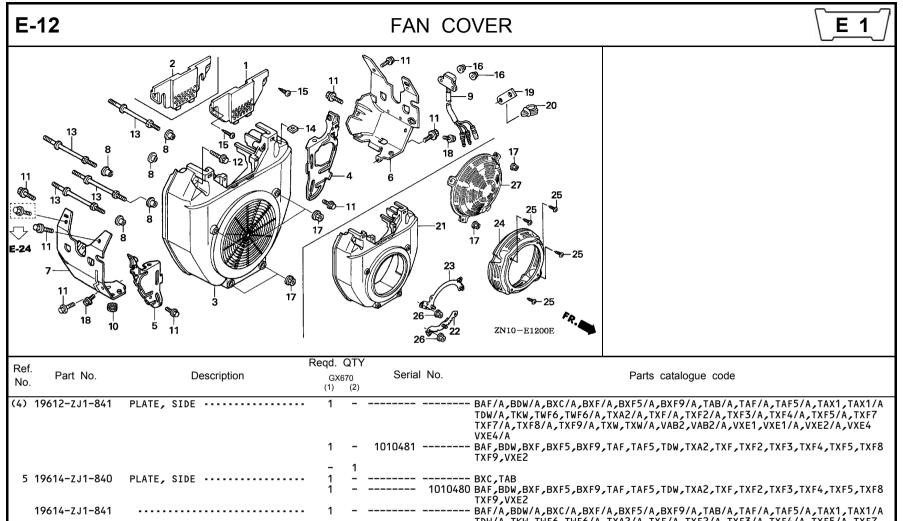
Ref. No.	Part No.	Description R	eqd. (6X6	70	, Serial	No.	Parts catalogue code
1		STARTER ASSY., RECOIL *R280*POWER RED CASE COMP., RECOIL STARTER	1	-			TAX1,TAX1/A
3 4	28421-ZE3-W01	*R280*POWER RED PULLEY, RECOIL STARTER RATCHET, STARTERSPRING, FRICTION	1 1 2 1	- - -			TAX1,TAX1/A TAX1,TAX1/A TAX1,TAX1/A TAX1,TAX1/A
7 8 9	28442-ZE2-W01 28443-ZE2-W01 28444-ZE2-W01 28461-ZE2-W02 28462-ZE3-W01	SPRING, STARTER RETURN SPRING, RATCHET RETAINER, SPRING GRIP, STARTER ROPE, RECOIL STARTER	1 2 1 1	-			TAX1,TAX1/A TAX1,TAX1/A TAX1,TAX1/A TAX1,TAX1/A
11	90004-ZE2-W01 94050-06070	SCREW, CENTER	1 3	-			TAX1,TAX1/A TAX1,TAX1/A

FAN COVER Ref. L.O.N. (Relative ref. Number) Description 11 Page 16 No. L.O.N. (Relative ref. Number) Description F.R.T.



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
3 4 5 6	3101A4 1141G8 1121A5 1121A6 4141D9 4141E1	(2) COVER, FUEL PUMP	0.1 0.3 0.8 0.8 0.7
-	6151AO 1121C6	ALERT UNIT, ENGINE OIL COVER, RECOIL STARTER MOUNTING	0.2

Ref		R	eqd. Q	TY		
No.	Part No	Description	GX670	-	Serial No.	Parts catalogue code
110.	·		(1) (2	(2)		
1	16715-ZJ1-840	COVER, FUEL PUMP	1 -	-		· BDW,BDW/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A,TXF3,TXF3/A TXF9,TXF9/A,VAB2,VAB2/A
2	16715-ZJ1-930 16715-ZJ1-850	COVER, FUEL PUMP	- ′	1		, , ,
		(MANUAL CONTROL)	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
	16715-ZJ1-860	COVER, FUEL PUMP				
I _		(MANUAL CHOKE)	1 .	-		BXF5,BXF5/A,TXF5,TXF5/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
5	19611-ZJ1-840ZA					
		*NH1*BLACK	1 -	- '		·BAF,BAF/A,BDW,BDW/A,BXF,BXF/A,TAF,TAF/A,TDW,TDW/A,TXA2,TXA2/A,TXF TXF/A,VXE1,VXE1/A,VXE2,VXE2/A
	19611-ZJ1-930		- ′	1		
	19611-ZJ1-840ZB	3 *R8*BRIGHT RED	1 -		1015138	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,TXW,VXE2
	19611-ZJ1-840ZC	C *R280*POWER RED	1 -			BAF/Á,BDW/A,BXĆ/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TDW/A,TKW TWF6,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A TXF8/A,TXF9/A,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
			1 -	-	1015139	· BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,TXW,VXE2
4	19612-ZJ1-840	PLATE, SIDE	1 .			· BXC_TAB
			1 -		1010480	BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF8 TXF9,VXE2

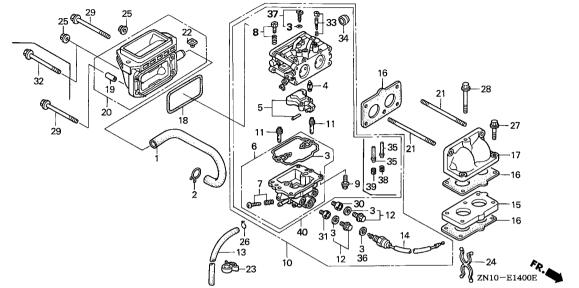


No.	Description	(1) (2)	Tata catalogue code
(4) 19612-ZJ1-841	PLATE, SIDE ·····	1	BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1/A TDW/A,TKW,TWF6,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7 TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
		1 - 1010481 -	BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF8 TXF9,VXE2
E 40/4/ 714 8/0	DIATE CINE	- 1	DVC TAD
5 19614-ZJ1-840	PLATE, SIDE ·····	1	BXC,TAB 1010480 BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF8 TXF9,VXE2
19614-ZJ1-841		1	BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1/A TDW/A,TKW,TWF6,TWF6/A,TXA2/A,TXF2/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7 TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
		1 - 1010481 -	BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF8 TXF9,VXE2
		- 1	
6 19631-ZJ1-840	SHROUD ·····	1 1	BAF,BAF/A,BDW,BDW/A,TAB,TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW TDW/A,TKW,VAB2,VAB2/A,VXC,VXC/A
19631-ZJ1-850	SHROUD (OIL ALERT)	1 1	BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TWF6,TWF6/A,TXA2,TXA2/A TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXC2,VXC2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
7 19632-ZN1-000	SHROUD, L	1	TAB 1010480 BAF,BDW,BXC,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4,TXF5 TXF8,TXF9,VXE2

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E-12	FAN COVER	\ E 2 /
= =	FAN COVER	\ L Z /

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Ref.	f		Reqd.	QTY			
No.	Part No	Description		X670 (2)		al No.	Parts catalogue code
(7)	19632-ZN1-010	SHROUD	1	1			- BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1/A TDW/A,TKW,TWF6,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7 TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXC2,VXC2/A,VXE1,VXE1/A VXE2/A,VXE4,VXE4/A
	19632-ZJ1-841		-	1			- BAF,BDW,BXC,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4,TXF5 TXF8,TXF9,VXE2 - VXC,VXC/A
8	33713-GC2-000	COLLAR B, TAILLIGHT	6	6			VNO/VNO/N
9	34150-ZJ1-841	ALERT UNÍT, OIL ·····	1	-			B BXC,BXF,BXF5,BXF9,TWF6,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF7,TXF8,TXF9 TXW,VXE1,VXE2,VXE4
Ī	34150-ZJ1-842		1	1			- BXC/A,BXF/A,BXF5/A,BXF9/A,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A TXF5/A,TXF7/A,TXF8/A,TXF9/A,TXW/A,VXC2/A,VXE1/A,VXE2/A,VXE4/A
ı			1	-			- BXC,BXF,BXF5,BXF9,TWF6,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF7,TXF8,TXF9 TXW,VXE1,VXE2,VXE4
10	80101-310-000	RUBBER, RR. FENDER CUSHION	1	1	00000		• ٧٨.٠2
11	90013-883-000	BOLT, FLANGE, 6X12(CT200) ···	9	- 9			- VXC2,VXC2/A
ı			-	1Ó			- VXC,VXC/A
	90018-ZE1-000	BOLT, FLANGE, 6X23(CT200)	2	2			
	90042-ZJ1-840 90313-ZJ1-840	BOLT, STUD, 6X71 NUT, SQUARE, 5MM	4 2	<u>4</u> -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/
i			-	2			
15	93913-25580	SCREW, TAPPING, 5X20 ·····	2	2			
16	94050-05000	NUT, FLANGE, 5MM	2	2			- BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TWF6,TWF6/A,TXA2,TXA2/A TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXC2,VXC2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
17	94050-06000	NUT, FLANGE, 6MM ······	4	-			- BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
12	95701-06008-00	BOLT, FLANGE, 6X8	- 2	4			
	32103-ZG8-000	BRACKET, WIRE HARNESS CLIP	_	1			- VXC2,VXC2/A
	91558-SD5-003	CLIP, WIRE HARNESS (BLACK)	-	1			- VXC2,VXC2/A
21	19611-ZJ1-850ZC	C COVER, FAN (RECOIL STARTER) *R280*POWER RED	1	_			- TAX1,TAX1/A,VAB2,VAB2/A
23	28491-ZJ1-840 28492-ZJ1-840 28496-ZJ1-840ZC	STAY A, RECOIL STARTER STAY B, RECOIL STARTER C COVER, RECOIL STARTER STAY	1	-			- TAX1/TAX1/A - TAX1,TAX1/A
	93903-35380	*R28Ó*POWER RED SCREW, TAPPING, 5X16	1 4	_			- TAX1,TAX1/A - TAX1,TAX1/A
	94050-06070	NUT, FLANGE, 6MM	4	-			- TAX1,TAX1/A
<i>-</i> .	17021 201 00120	*R280*POWER RED	1	-			- VAB2,VAB2/A
a a							

E-14 CARBURETOR(1) Ref. LON (Relative ref. Number) F.B.T.

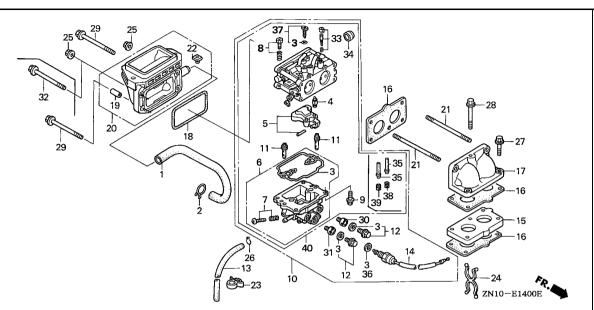


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T
1	1111K5	TUBE, BREATHER	0.3
3 4	3111B1	GASKET SET, CARBURETOR(5)	
	3111E1	VALVE SET, FLOAT AND/OR FLOAT	
		SET	0.7
6	3111A3	CHAMBER SET, FLOAT AND/OR	
		GASKET, FLOAT CHAMBER	0.8
10	3111F3	CARBURETOR	0.4
14	6211CO	VALVE, CARBURETOR SOLENOID	0.4
15	3111c0	INSULATOR, CARBURETOR AND/OR	
		PACKING, INSULATOR	0.4
17		(16)	
	3111B0	ELBOW, MANIFOLD	0.4
18	3121D9	PACKING, AIR CLEANER	
20	3121B4	ELBOW, AIR CLEANER	
33	3111D7	SCREW SET, PILOT	0.3

Ref.		F	Reqd. (QTY			
No.	Part No.	Description	GX6 (1)	370 (2)	Serial	No.	Parts catalogue code
	12357-ZJ1-840	TUBE, BREATHER	1	-			- BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
2	15772-551-000	CLIP, BREATHER TUBE	1	-			- BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
3	16010-ZN1-003	GASKET SET (CARBURETOR NO.)	1	-		TB01A /	A BAF, BDW, BXF, BXF5, BXF9, TAF, TAF5, TDW, TXF, TXF2, TXF3, TXF4, TXF5, TXF8, TXF9
	16010-ZN1-801		1	-			- VALC - BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A - TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A - TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
	16010-ZN1-941 16011-ZN1-003	(CARBURETOR NO.) VALVE, FLOAT	1 1 1	<u>-</u>	BK01B B ·		- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9 - VXE2 - TAX1,TAX1/A
4	16011-201-003	(CARBURETOR NO.)	1 1	-		TB01A /	A BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9 A VXE2
	16011-ZN1-801	VALVE SET, FLOAT ······	1	-			- BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1 TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
		(CARBURETOR NO.)	1 1	-	BK01A A · BK01B B ·		- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9 - VXE2

E-14	CARBURETOR(1)	E 4
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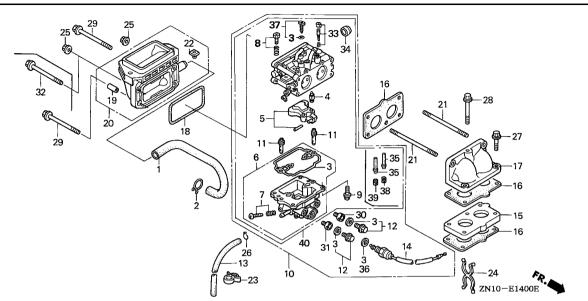
Def			Regd. Q1	ΓΥ			
Ref. No.	Part No.	Description	GX670 (1) (2	S	erial	No.	Parts catalogue code
5 1	16013-ZN1-003	FLOAT SET				_	
		(CARBURETOR NO.)	1 - 1 -			TB01A A	N BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
1	16013-ZN1-801		1 -		·		BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1 TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
		(CARBURETOR NO.)	1 -				BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
		"	1 -	- BK01E	3 B ·		· VXE2
6 1	16015-ZN1-003	CHAMBER SET, FLOAT					
		(CARBURETOR NO.)	1 -				N BAF, BDW, BXF, BXF5, BXF9, TAF, TAF5, TDW, TXF, TXF2, TXF3, TXF4, TXF5, TXF8, TXF9
1	16015-ZN1-801	,,	1 -			TB01B A	\ VXEZ - BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A
	10013-201-001		'				TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
		(CARBURETOR NO.)	1 - 1 -				BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
1	16015-ZN1-941	<i>''</i>	1 -				· VXEZ · TAX1,TAX1/A
	16024-ZN1-003	SCREW SET, DRAIN	•				
		(CARBURETOR NO.)	1 -				N BAF, BDW, BXF, BXF5, BXF9, TAF, TAF5, TDW, TXF, TXF2, TXF3, TXF4, TXF5, TXF8, TXF9
1	16024-124-760	′′	1 -		 	TB01B A	\ VXEZ - BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1
'	10024 124 100		,				TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4/A
		(CARBURETOR NO.)	1 -				BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
	14000 7114 007	SCREW SET (THROTTLE STOP)	1 -	- BK01E	3 B ·		· VXE2
ŏ	16028-ZN1-003	(CARBURETOR NO.)	1 -			TRO1A A	BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
		//	1 -			TB01B A	
1	16028-ZN1-801	SCREW SET, THROTTLE	1 -		·		- BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1 TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
	140044 007	(CARBURETOR NO.)	1 - 1 -				BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
9 1	16081-ZN1-003	SCREW-WASHER				TRO1A A	BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
			4 -			TB01B A	
9	93500-04012-1H	SCRÉW, PAN, 4X12 ······	4 -				BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1 TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
		(CARBURETOR NO.)	4 -				BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
10 1	16100-ZN1-H03	CARBURETOR ASSY. (TBO1B A)	4 -			 1007812	
	16100-ZN1-N03	CARBURETOR ASSY. (TBO1A A)					BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
1	16100-ZN1-801	CARBURETOR ASSY. (BK01A A)					- BAFÍA,BÓW/A,BXF/Á,BXF5/A,BXF9/Á,TAB,TAB/A,TÁF/A,TAF5/Á,TDW/A,TKW,TWF6 TWF6/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A TXW,TXW/A
	1/400 045		1 -				BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
1	16100-ZN1-812	CARBURETOR ASSY. (BK01B B)	1 -				- VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
1	16100-ZN1-821	CARBURETOR ASSY. (BKO1D A)	1 -				· VXEZ · TXAZ,TXAZ/A
	16100-ZN1-U01	CARBURETOR ASSY. (BK01E A)	1 -				- BXC,BXC/A



Ref. No.	Part No.	Description I	Reqd. QT GX670 (1) (2)	Serial	No.	Parts catalogue code
	16150-ZN1-003 16181-ZN1-003	JET, SLOW, #54	2 - 2 -		TB01A A	BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9 VXE2
12	10101-2N1-003	PLUG SET ···································	2 -		TB01A A	BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
13 1	16198-ZJ1-840	TUBÉ, DRAIN ······	1 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
14 1	16200-ZN1-003	VALVE ASSY., SOLENOID (NIKKI) (CARBURETOR NO.)	1 -			BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
1	16200-ZN1-801	VALVE ASSY., SOLENOID (KEIHIN)	1 -		TB01B A	VAE2 BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TDW/A,TKW TWF6,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
		(CARBURETOR NO.)	1 -	BK01A A		BAF,BDW,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8
		"	1 - 1 - 1 -	BKO1B A · BKO1D A ·		VXE2 TXA2
15 1	16211-ZN1-000	INSÚLATOR, CARBURETOR ······	i -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A

E-14	CARBURETOR(1)	F 6	7
L-14	OANDONE FOR(1)	\ <u>-</u> _	1

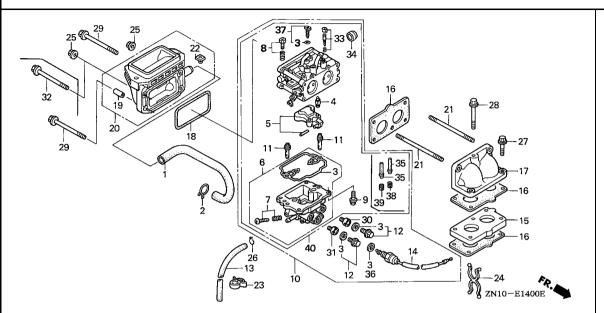
Ref. No.	Part No	R Description	eqd. QTY GX670 (1) (2)	Serial	No.	Parts catalogue code
16	16221-ZN1-000	PACKING, CARBURETOR	3 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
17	17103-ZN1-000 17103-ZN1-010	ELBOW, MANIFOLD	1 - 1 -			BAF,BDW,BXF,TAF,TDW,TXF,TXF3 BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF/A TAF5,TAF5/A,TAX1,TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2 TXF2/A,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXF9 TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
18	17228-ZN1-000	PACKING, AIR CLEANER ·····	1 - 1 -	1002261		·BAF,BDW,BXF,TAF,TDW,TXF,TXF3 ·BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A
19	17238-zJ4-830	COLLAR A, AIR CLEANER ······	4 -			VXE4,VXE4/A BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
20	17410-ZN1-000	ELBOW COMP., AIR CLEANER	1 -			VALA-VALA-VALA-VALA-VALA-VALA-VALA-VALA
21	90048-zc3-000	BOLT, STUD, 6X85	2 -		1002260	BAF,BDW,BXF,TAF,TDW,TXF,TXF3
22	90314-ZJ1-840	NUT, INSERT, 6MM ·····	2 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
23	90682-959-661	CLIP B, CABLE	1 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
24	91402-ZJ1-841	CLIP, PURSE LOCK	1 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A
25	94050-06000	NUT, FLANGE, 6MM ·····	2 -			· VXE4,VXE4/A BAF,BDW,BXF,TAF,TDW,TXF,TXF3
26	95002-02080	CLIP, TUBE (B8)	1 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
27	95701-06030-00	BOLT, FLANGE, 6X30 ······	2 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A



Ref. No.	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial	No.	Parts catalogue code
28 9	95701-06065-00	BOLT, FLANGE, 6X65	1		TAB/A,TAF,TAF/A,TAF5,1 TXA2,TXA2/A,TXF,TXF/A,	<pre>XC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A ,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A /A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A</pre>
	95701-06090-00 95801-06090-08	BOLT, FLANGE, 6X90 ·····	22	002261	(T.DU2260 BAF, BDW, BXF, TAF, TDW, TDW, BXF, TAF, TDW, A, BXC, AXC, AXC, AXC, AXC, AXC, AXC, AXC, A	,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF/A /A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2 F4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXF9 ,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
30 9	99101-ZN1-0920	JET, MAIN, #92 ······(CARBURETOR NO.)	(1)			TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
	99101-ZN1-0960	JET, MAIN, #96(CARBURETOR NO.)	(1)			TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
•	99101-ZN1-1020	JET, MAIN, #102 ······ (CARBURETOR NO.)	1 1		TBO1A A BAF,BDW,BXF,BXF5,BXF9, TBO1B A VXE2	TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
31	99101-ZN1-0940	JET, MAIN, #94 ···································	(1) (1)		TBO1A A BAF,BDW,BXF,BXF5,BXF9,	TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
	99101-ZN1-0980	JET, MAIN, #98 (CARBURETOR NO.)	(1) (1)		TBO1A A BAF,BDW,BXF,BXF5,BXF9, TBO1B A VXE2	TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9

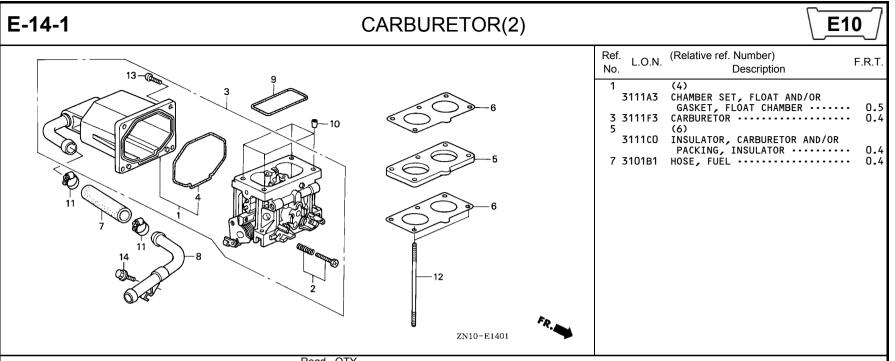
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E-14	CARBURETOR(1)	_ <u>E </u>

Ref	f		Reqd. C		0! - 1	NI-	
No	Part No.	Description	GX67 (1)		Serial	NO.	Parts catalogue code
31)	99101-ZN1-1000	JET, MAIN, #100					
		(CARBURETOR NO.)	1 1	-		TB01A . TB01B .	A BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
32	95801-06090-08	BOLT, FLANGE, 6X90 ·····	2	-			- NALL - BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF/A - TAF5,TAF5/A,TAX1,TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2 - TXF2/A,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXF9
			2	_	1002261		TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A - BAF,BDW,BXF,TAF,TDW,TXF,TXF3
33	16016-ZN1-801	SCREW SET, PILOT ·····	1	-			- BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1 TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
		(CARBURETOR NO.)	1	-			- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
34	16148-141-881	CAP, CHOKE DUST	1	_	BK01B B		- VXE2 - BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1
	10140 141 001	only charz poor	•				TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
		(CARBURETOR NO.)	1	-			- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
35	16166-ZN1-801	NOZZLE, MAIN ·····	1	_	BK01B B		- VXE2 - BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1
	10100 ZN1 001	NOZZZZY TIMZN	_				TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A TXF5/A,TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
		(CARBURETOR NO.)	2 2	-	BK01A A BK01B B		- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
36	16178-ZN1-801	WASHER, PLAIN	1	-			- BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,A,TAB/A,TAF/A,TAF5/A TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A TXF7,TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
		(CARBURETOR NO.)	1	-			- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
37	99204-ZE2-0400	JET SET, PILOT, #40 ·····	1	-	BK01B B		- VXE2 - BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1 TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7 TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
		(CARBURETOR NO.)	1 1	_	BK01A A BK01B B		- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
70	99204-ZE2-0380 99101-ZH8-0850	JET SET, PILOT, #38 JET, MAIN, #85	1 (1)	-			- TXA2,TXA2/A - TXA2,TXA2/A
30		JET, MAIN, #90	(1)	-			- NAZ, IAAZ,
		(CARBURETOR NO.)	(1)				- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
	99101-ZH8-0950	JET, MAIN, #95	(1) 1 (1)	-	BK01B B		- VXE2 - BXC,BXC/A,TXA2,TXA2/A - BAF/A,BDW/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1,TAX1/A
							TDW/A,TKW,TW66,TW66/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7/A TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
		(CARBURETOR NO.)	(1) (1)	_	BK01A A BK01B B		- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
	99101-ZH8-1000	JET, MAIN, #100	1	-			- VXEZ - BAF/A,BDW/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1,TAX1/A TDW/A,TKW,TWF6,TWF6/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
		(CARBURETOR NO.)	1	-			- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
39	99101-ZH8-0880	JET, MAIN, #88	1 (1)	=	BK01B B		- VXE2 - TXA2,TXA2/A

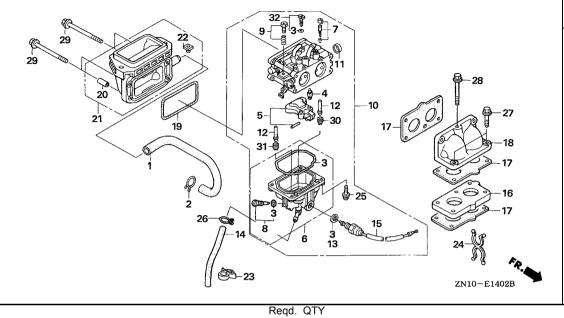


Ref	:	F	Reqd. QTY	,	
No	Part No	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
39)	99101-zн8-0900	JET, MAIN, #90	(1) -		- BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1 TAX1/A,TDW/A,TKW,TWF6,TWF6/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7 TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
		(CARBURETOR NO.)	(1) - (1) -	BK01A A BK01B B	- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
	99101-ZH8-0920	JET, MAIN, #92	(1) -		- TXA2,TXA2/A
	99101-ZH8-0950	JET, MAIN, #95	1 -		- BXC, BXC/A
			(1) -		- BAF/A,BDW/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1,TAX1/A TDW/A,TKW,TWF6,TWF6/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
		(CARBURETOR NO.)	(1) - (1) -	BK01A A BK01B B	- BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9 - VXE2
	99101-ZH8-0980	JET, MAIN, #98	1 -		- TXA2,TXA2/A
	99101-ZH8-1000	JET, MAIN, #100	1 -		- BAF/A,BDW/A,BXF/A,BXF5/A,BXF9/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1,TAX1/A TDW/A,TKW,TWF6,TWF6/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A TXF8/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
		(CARBURETOR NO.)	1 -		BAF,BDW,BXF,BXF5,BXF9,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXF9
40	16100-ZN1-941	CARBURETOR ASSY. (BKO1F A)	1 -	BK01B B	





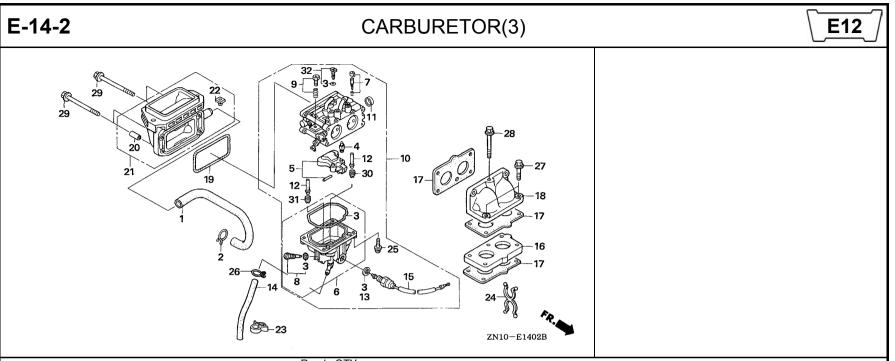
Ref. Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
1 16015-ZN1-831 2 16028-ZN1-801 3 16100-ZN1-831 4 16163-ZN1-831	CHAMBER SET, FLOAT ······SCREW SET, THROTTLE ······CARBURETOR ASSY. (BKL1A A) ···GASKET, FLOAT CHAMBER ······	- 1 - 1 - 1 - 1		
5 16211-ZN1-000 6 16221-ZN1-000 7 16347-ZN1-820 8 16920-ZN1-820	INSULATOR, CARBURETOR PACKING, CARBURETOR HOSE, FUEL JOINT COMP., FUEL	- 1 - 2 - 1		
9 17228-ZN1-000 10 17238-ZJ4-830 11 19506-KA4-000	PACKING, AIR CLEANER ······· COLLAR A, AIR CLEANER ······ CLAMP, WATER HOSE ······	- 1 - 1 - 4		
12 90041-147-000 13 93500-04014-1H 14 95701-08020-00		- 2 - 4 - 1		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T
1	1111K5	TUBE, BREATHER	0.3
3 4	3111B1	GASKET SET, CARBURETOR(5)	
	3111E1	VALVE SET, FLOAT AND/OR FLOAT	0.7
6	3111A3	CHAMBER SET, FLOAT AND/OR GASKET, FLOAT CHAMBER	0.8
7	3111D7	SCREW SET, PILOT	0.3
10	3111F3	CARBURETOR	0.4
15	6211CO	VALVE, CARBURETOR SOLENOID	0.4
16	3111c0	INSULATOR, CARBURETOR AND/OR	
		PACKING, INSULATOR	0.4
17	3111c8	PACKING, CARBURETOR	0.4
18	3111B0	ELBOW, MANIFOLD	0.4
19	3121D9	PACKING, AIR CLEANER	0.4
21	3121B4	ELBOW, AIR CLEANER	0.4

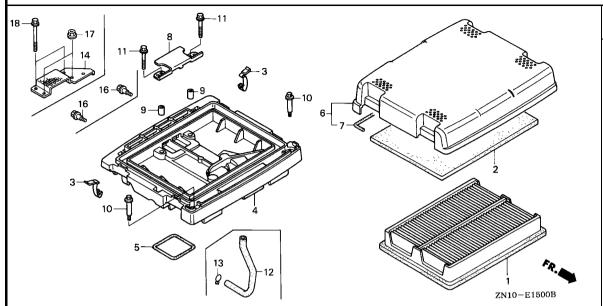
Ref		F	Reqd. QTY		<u> </u>
No.	Part No	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
3 4	12357-ZJ1-840 15772-551-000 16010-ZN1-801 16011-ZN1-801 16013-ZN1-801	TUBE, BREATHER CLIP, BREATHER TUBE GASKET SET VALVE SET, FLOAT FLOAT SET	1 - 1 - 1 - 1 -	VAB2, VAB2, VAB2, VAB2, VAB2,	VAB2/A VAB2/A VAB2/A
7 8 9	16015-ZN1-801 16016-ZN1-801 16024-124-760 16028-ZN1-801 16100-ZN1-U41	CHAMBER SET, FLOAT SCREW SET, PILOT SCREW SET, DRAIN SCREW SET, THROTTLE CARBURETOR ASSY. (BKO1G A)	1 -	VAB2, VAB2, VAB2, VAB2, VAB2,	VAB2/A VAB2/A VAB2/A
12 13 14	16148-141-881 16166-ZN1-801 16178-ZN1-801 16198-ZJ1-840 16200-ZN1-801	CAP, CHOKE DUST	1 - 2 - 1 - 1 -	VAB2, VAB2, VAB2, VAB2, VAB2,	VAB2/A VAB2/A VAB2/A
17 18 19	16211-ZN1-000 16221-ZN1-000 17103-ZN1-010 17228-ZN1-000 17238-ZJ4-830	INSULATOR, CARBURETOR PACKING, CARBURETOR ELBOW, MANIFOLD PACKING, AIR CLEANER COLLAR A, AIR CLEANER	1 - 3 - 1 - 1 - 4 -	VAB2, VAB2, VAB2, VAB2, VAB2,	VAB2/A VAB2/A VAB2/A
22 23 24	17410-ZN1-000 90314-ZJ1-840 90682-959-661 91402-ZJ1-841 93500-04012-1H	ELBOW COMP., AIR CLEANER NUT, INSERT, 6MM CLIP B, CABLE CLIP, PURSE LOCK SCREW, PAN, 4X12	1 - 2 - 1 - 1 - 4 -	VAB2, VAB2, VAB2, VAB2, VAB2,	VAB2/A VAB2/A VAB2/A





Ref. No. Description	Reqd. QTY GX670 (1) (2) Serial No.	Parts catalogue code
26 95002-02080 CLIP, TUBE (B8)	2 VAB2, VAB2/A 1 VAB2, VAB2/A 4 VAB2, VAB2/A (1) VAB2, VAB2/A (1) VAB2, VAB2/A 1 VAB2, VAB2/A (1) VAB2, VAB2/A (1) VAB2, VAB2/A (1) VAB2, VAB2/A 1 VAB2, VAB2/A	





Ref. L.O.N. (Relative ref. Number) No. Description	.R.T
1 3121B8 ELEMENT, AIR CLEANER	0.1 0.2 0.2 0.2 0.1 0.1

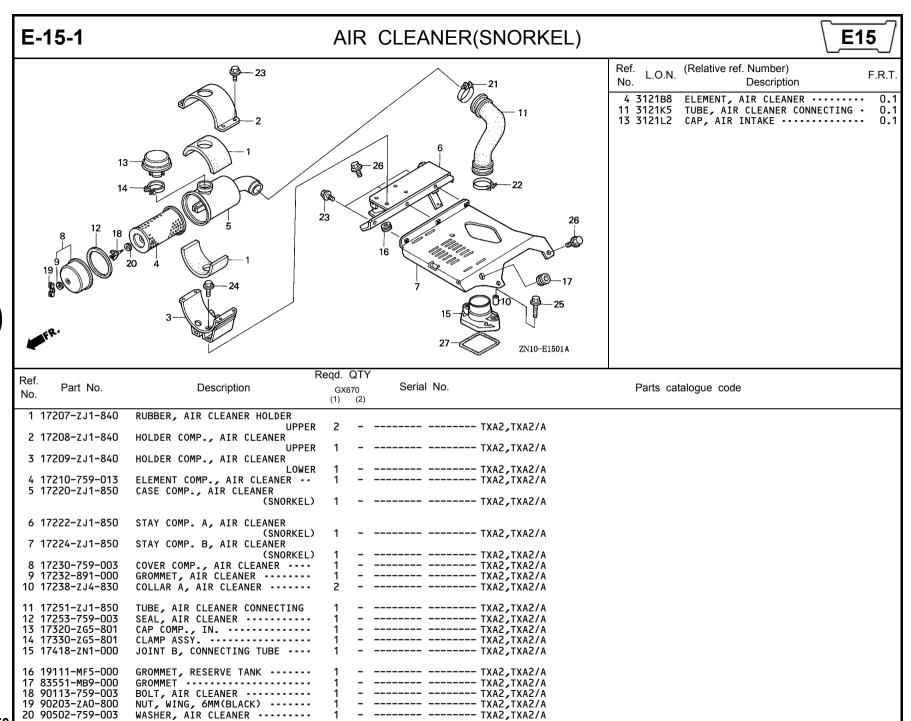
Ref		F	Reqd. (QTY			
No.	Part No	Description	GX6 ⁷ (1)	70 (2)	Serial	No.	Parts catalogue code
1	17210-ZJ1-841	ELEMENT COMP., AIR CLEANER	1	-		1011624	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5 TXF8,TXF9,VXE2
	17210-ZJ1-842	•••••	1	-			BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TDW/A,TKW TWF6,TWF6/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A,TXF8/A TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A,VXE4/A
			1	-	1011625		BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5 TXF8,TXF9,VXE2
	17210-ZN1-821	ELEMENT ASSY., AIR CLEANER	-	1			
2	17218-ZJ1-840	FILTER, OUTER	1	-			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A,TXF2 TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A
			_	1			TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
3	17219-ZJ1-840	CLIP, AIR CLEANER ·····	4	<u>-</u>			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
			-	4			
4	17220-ZN1-000	CASE COMP., AIR CLEANER ·····	1	-			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
	17220-ZN1-820		-	1			
5	17229-ZN1-000	SEAL, AIR CLEANER CASE	1	_			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A

E-15 AIR CLEANER(STANDARD)

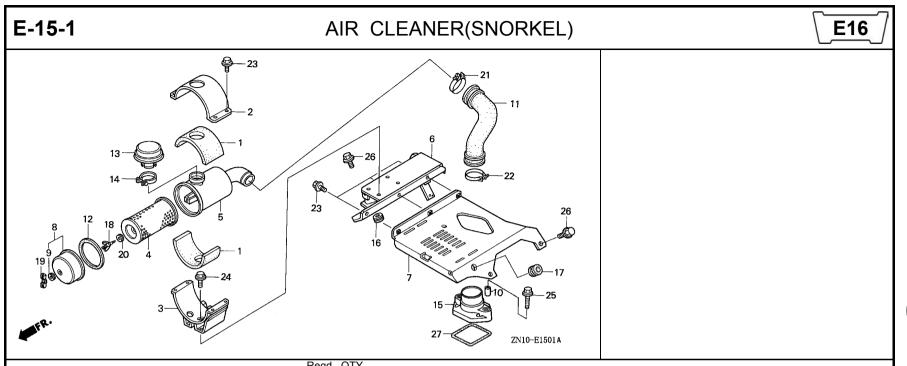


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Ref.	Part No	Description	Reqd.	670	Serial No.	Parts catalogue code
140.			(1)	(2)		
	17230-ZJ1-840	COVER ASSY., AIR CLEANER ····	1	-		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
	17230-ZN1-820		-	1		
7	17233-ZJ1-840	SEAL, AIR CLEANER COVER ····-	1	-		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
			-	1		
8	17234-ZJ1-840	PLATE, AIR CLEANER SETTING	1	-		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5,TXF5/A,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
9	17238-ZJ4-830	COLLAR A, AIR CLEANER	2	-		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
10	90003-zJ1-840	BOLT, SPECIAL, 5MM	2	4 -		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8/A,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
			-	2		
11	95701-06028-00	BOLT, FLANGE, 6X28 ·····	2	-		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF TXF/A,TXF2/TXF2/A,TXF3/TXF3/A,TXF4/TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A
13 14 16 17	12357-ZJ4-830 15772-551-000 17223-ZN2-000 90002-ZJ1-840 94050-06000 95701-06095-00	TUBE, BREATHER CLIP, BREATHER TUBE CAP, AIR CLEANER BOLT, FLANGE, 6MM NUT, FLANGE, 6MM BOLT, FLANGE, 6X95	-	1 1 2 2 2		TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A



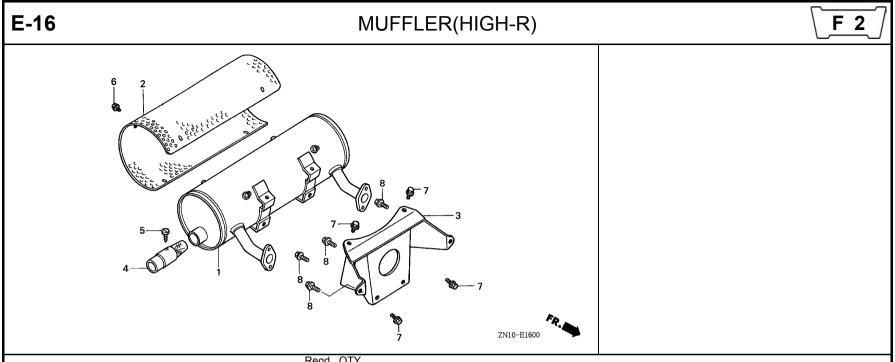






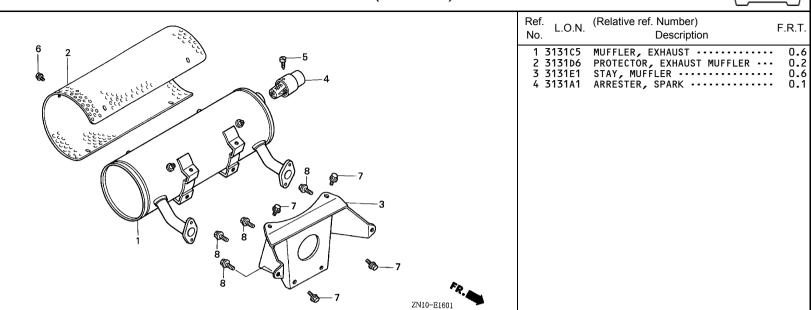
Re No	Part No	Description Ro	GX67 (1)	0	Serial No.	Parts catalogue code
21	95018-50250	BAND, AIR CLEANER CONNECTING				
	95018-52250	TUBE (50) BAND, AIR CLEANER CONNECTING	1		1019535	
		TUBE (52)	1 1		1019536	**************************************
22	95018-58250	BAND, AIR CLEANER CONNECTING				····-
23	95701-06012-00	TUBE (58) BOLT, FLANGE, 6X12	7 7			TXA2,TXA2/A TXA2,TXA2/A
24	95701-06016-00	BOLT, FLANGE, 6X16	4			TXA2,TXA2/A
25	95701-06028-00	BOLT, FLANGE, 6X28	2			TXA2,TXA2/A
	95701-08020-00	BOLT, FLANGE, 8X20	4			
27	7 17229-ZN1-000	SEAL, AIR CLEANER CASE	1			IXAZ,IXAZ/A
I						

Ref.			Reqd. QTY		
No.	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
1 1	18310-ZN1-003	MUFFLER COMP. (HIGH-R) ·····	- (1)		- BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A,TXF3,TXF3/A TXF4,TXF4/A,TXF5,TXF5/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1// VXE2,VXE2/A,VXE4,VXE4/A
2 1	18321-ZN1-003	PROTECTOR, MUFFLER	- (1)		- BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF,A,TXF3,TXF3/A TXF4,TXF4/A,TXF5,TXF5/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/VXE2,VXE2/VXE4/A,VXE4/A
3 1	18338-ZJ1-841	STAY, MUFFLER (HIGH)	- (1)		- BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A,TXF3,TXF3/A TXF4,TXF4/A,TXF5,TXF5/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1// VXE2,VXE2/A,VXE4,VXE4/A
4 1	18355-ZN1-003	ARRESTER, SPARK	- (1)		- BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW// VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
5 9	90009-zJ1-801	SCREW, (NELSON)	- (1)		- BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW// VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A

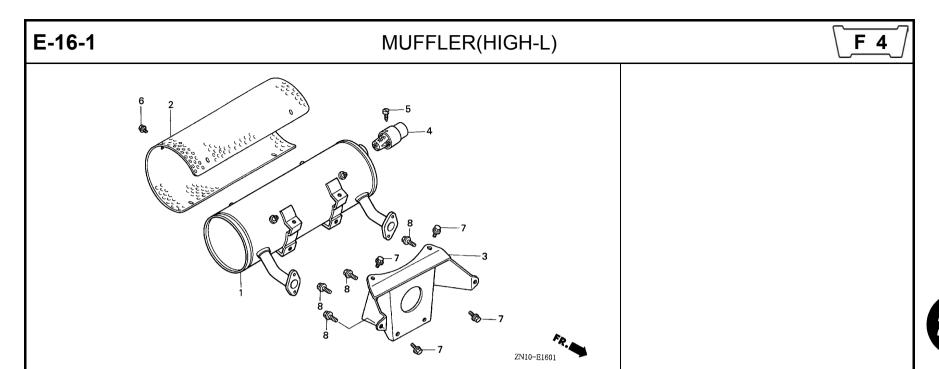


Ref.			Reqa. QIY		
No.	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
6 9	5701-06008-00	BOLT, FLANGE, 6X8 ·····	(6)		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A,TXF3,TXF3/A TXF4,TXF4/A,TXF5,TXF5/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A VXE2,VXE2/A,VXE4,VXE4/A
7 9	5701-08014-00	BOLT, FLANGE, 8X14 ·····	- (6) (4)		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A,TXF3,TXF3/A TXF4,TXF4/A,TXF5,TXF5/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A VXE2,VXE2/A,VXE4,VXE4/A
8 9	5701-08020-00	BOLT, FLANGE, 8X20 ·····	- (4) (4)		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A,TXF3,TXF3/A TXF4,TXF4/A,TXF5,TXF5/A,TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A VXE2,VXE2/A,VXE4,VXE4/A
			- (4)		

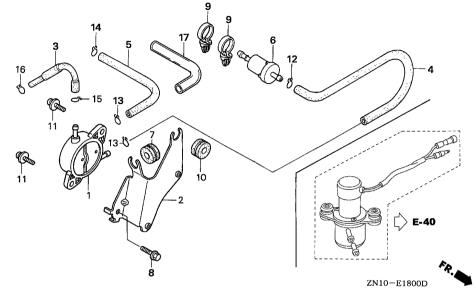
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Ref. Part No.	Description	Reqd. QTY	Parts catalogue code
1 18310-ZN1-801 18310-ZN1-802	MUFFLER COMP. (HIGH-L)	(1) 1005576 1 1 - 1005577 (1) - 1005577	TAF5,TXF3,TXF8 BAF,BDW,BXF,BXF5,BXF9,TAF,TDW,TXF,TXF4,TXF5,TXF9 TAF5/A,TXF3/A,TXF7,TXF7/A,TXF8/A TAF5,TXF3,TXF8 BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,BXF9/A,TAF/A,TAX1,TAX1/A,TDW/A,TKW TWF6,TWF6/A,TXF/A,TXF4/A,TXF5/A,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2 VXE2/A,VXE4,VXE4/A BAF,BDW,BXF,BXF5,BXF9,TAF,TDW,TXF,TXF4,TXF5,TXF9
2 18321-ZN1-003	PROTECTOR, MUFFLER		TAF5,TAF5/A,TXF3,TXF3/A,TXF7,TXF7/A,TXF8,TXF8/A BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A,TXF4,TXF4/A TXF5,TXF5/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
3 18338-ZJ1-841	STAY, MUFFLER (HIGH)	1	TAF5,TAF5/A,TXF3,TXF3/A,TXF7,TXF7/A,TXF8,TXF8/A BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A,TXF4,TXF4/A TXF5,TXF5/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
4 18355-ZN1-003	ARRESTER, SPARK ······	***	BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAF TAF/A,TAF5,TAF5/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8 TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4 VXE4/A



Ref. No. Part No. Description GX670 (1) (2) Serial No. Parts catalogue code 5 90009-ZJ1-801 SCREW, (NELSON) (1)	
TAF/A,TAF5,TAF5/A,TXX1,TAX1/A,TDW,TDW/A,TKW,TWF6,T TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TX TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1 VXE4/A - (1) 6 95701-06008-00 BOLT, FLANGE, 6X8	
6 TAF5,TAF5/A,TXF3,TXF3/A,TXF7,TXF7/A,TXF8,TXF8/A (6) BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/ TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TX TXF5,TXF5/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2 (6) TYF5,TXF5/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2 (6) TAF7,TAF5/A,TXF3,TXF3/A,TXF7,TXF7/A,TXF8,TXF8/A (4) BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5,BXF5,TXF5/A,TXF3,TXF3/A,TXF4,TXW,TXW/A,TXW,TWF6,TWF6/A,TXF,TX TAF7/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TX TXF5,TXF5/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2	TWF6/A,TXF,TXF/A XF7,TXF7/A,TXF8
7 95701-08014-00 BOLT, FLANGE, 8X14 ······· 4 TAF5,TAF5/A,TXF3,TXF3/A,TXF7,TXF7/A,TXF8,TXF8/A (4) BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/BXF5/ TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TX TXF5,TXF5/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2	XF/A,TXF4,TXF4/A
	XF/A,TXF4,TXF4/A
- (4) 8 95701-08020-00 BOLT, FLANGE, 8X20 ······· 4 TAF5,TAF5/A,TXF3,TXF3/A,TXF7,TXF7/A,TXF8,TXF8/A (4) BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/ TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TX TXF5,TXF5/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2 - (4)	XF/A,TXF4,TXF4/A



Ref. No. L.O.N.	(Relative ref. Number) Description	F.R.T
1 3101H9 2 3101J7 3 3101F6 4 3101F7 5 3101E5 6 3101H8	PUMP, FUEL	0.3 0.3 0.3 0.4

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Ref. No.	Part No.	Description	Reqd. GX (1)	QTY 670 (2)	Serial	No.	Parts catalogue code
1	16700-zl8-003	PUMP ASSY., FUEL	1 1	=		1009898 1016281	TAF5 BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAX1,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,TXW,VXE2
	16700-ZL8-013		1	-	404 (202		BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAX1/A,TDW/A,TKW TWF6,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A TXF8/A,TXF9/A,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
			1	-	1016282		BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAX1,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,TXW,VXE2
2	16711-ZJ1-840	STAY, FUEL PUMP	1	_			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
3	16851-ZN1-000	TUBE, FUEL	1	-		1009898	TAF5 BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
4	16852-zJ1-840	TUBE B, FUEL	1	Ξ		1009898	TAF5 BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXF,TXF/A,TXF2 TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
	16852-zJ1-850		1	-		1009898	TAF5 TXA2/A

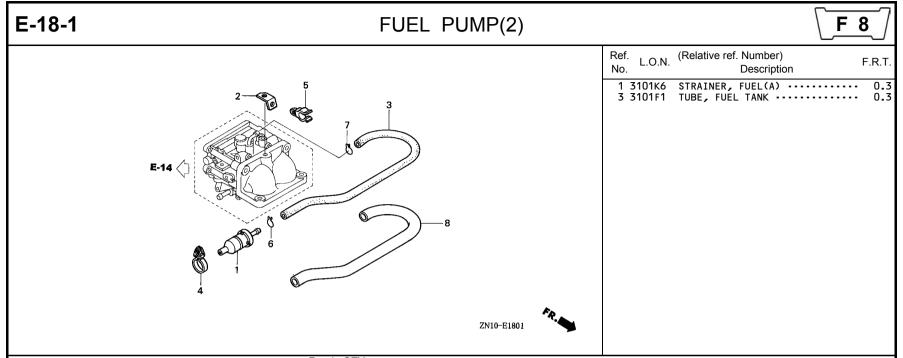
E-18	FUEL PUMP(1)	\ F 6 \ \
L-10	TOLL TOWN (1)	

Ref. No.	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial	No.	Parts catalogue code
5	16882-zj1-840	TUBE, DIAPHRAGM ·····	1 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2/A,TX TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/ VXE4,VXE4/A
			1 -		1009898	
6	16910-ZE8-015	STRAINER COMP., FUEL	1 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TX TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/ VXE4,VXE4/A
_	40444 MEE 000	CDOMMET DECEDIVE TANK	1 -		1009898	TAF5
,	19111-MF5-000	GROMMET, RESERVE TANK	1 -		1009898	BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TX TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/ VXE4,VXE4/A
8	90014-952-000	BOLT, FLANGE, 6X14(CT200)	1 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TX TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/ VXE4,VXE4/A
Q	90617-SAO-003	CLIP, WIRE HARNESS	1 -		1009898	TAF5 BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB
,	70011 ONC 005	SELY, WINE IMMESS			400000	TABÍA,TAFÍ,TAFÍA,TAXÍ,TAXÍA,TÓW,TĎW/A,TĆW,TWF6,TWF6/A,TXF,TXF/A,TXF2 TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4,
			2 -		1009898 	TXA2,TXA2/A
10	91601-ZJ1-840	GROMMET, PUMP STAY	1 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TX TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/ VXE4,VXE4/A
			1 -		1009898	TAF5
11	93894-06016-00	SCREW-WASHER, 6X16	2 -			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TX TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/VXE4,VXE4/A
12	95002-02080	CLIP, TUBE (B8)	2 - 1 -		1009898 	TAF5 BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,ATAX1,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TX TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/ VXE4,VXE4/A
13	95002-02100	CLIP, TUBE (B10) ······	1 - 2 -		1009898 	
						VAC+ - VAC+/ M

FUEL PUMP(1) F 7 III F 13 III F 13 III F 14 III F 15 III F 16 II

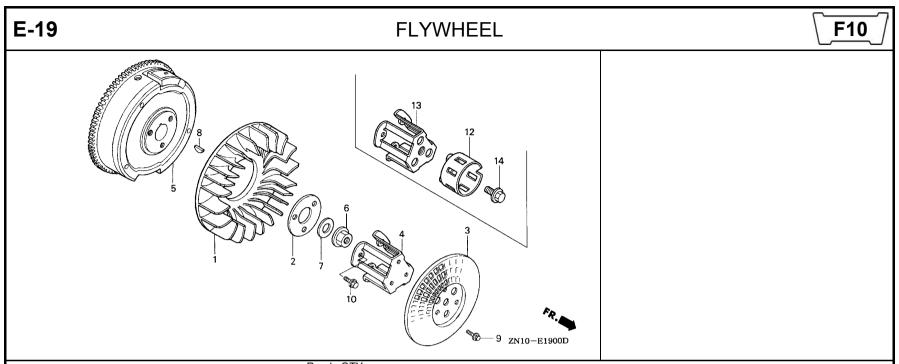
Ref. No.	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
14	95002-50000	CLIP, TUBE (C9) ······	1		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A TAF5
15	95002-70000	CLIP, TUBE (C11) ······	1		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
14	95002-70000	CLIP, TUBE (C11)	1	1009898	
10	95002-70000	CLIP, TOBE (CTT)	1 1	1009898 1018117	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAX1,TDW,TXA2,TXF,TXF2,TXF3,TXF4
	95002-02100	CLIP, TUBE (B10)	1		TXF5,TXF8,TXF9,TXW,VXE2 BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAX1/A,TDW/A,TKW TWF6/A,TXA2/A,TXF7A,TXF2/A,TXF8/A
			1 - 10	018118 1	TXF9/A,TXW/A,VAB2,VAB2/A,VXE1/A,VXE2/A,VXE4,VXE4/A BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAX1,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,TXW,VXE2
17	95003-25015-20	TUBE, VINYL, 9X11X150 (95003-25001-10M)	1		TKW



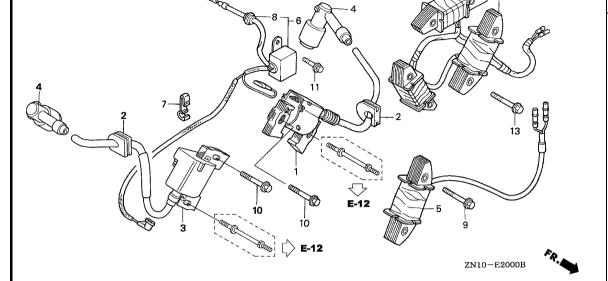


Ref. No. Part No.	R Description	eqd. QTY GX670 Serial No.	Parts catalogue code
1 16910-ZE8-015 2 17118-ZN1-H00 3 17701-ZE7-W00 4 90617-SA0-003	STRAINER COMP., FUEL BRACKET, CLIP TUBE, FUEL TANK CLIP, WIRE HARNESS	1 TAF5/A 1 - 1009899 TAF5/A	
5 91594-SR3-911	CLAMP, PURGE HOSE	1 - 1009899 TAF5 1 TAF5/A 1 - 1009899 TAF5	
6 95002-02080 7 95002-05000 95002-50000 8 95003-25023-20	CLIP, TUBE (B8) CLIP, TUBE (C9) TUBE, VINYL, 9X11X230	1 TAF5/A 1 - 1009899 TAF5 1 - 1009899 TAF5 1 TAF5/A	
	(95003-25001-10M)	1 TAF5/A 1 - 1009899 TAF5	

<u> </u>			Regd. QTY		<u> </u>
Ref. No.	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
	19511-ZJ1-000 19513-ZJ1-000	FAN, COOLINGPLATE, COOLING FAN SETTING	1 1 1		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
3	28452-ZJ1-811	GRID, SCREEN (P.T.O.) ······	(1)		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
	28452-ZJ1-801 28454-ZJ1-801	GRID, SCREEN	1 1 (1)		· VAB2, VAB2/A · VAB2, VAB2/A · BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A, TAB TAB/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TKW, TWF6, TWF6/A, TXA2, TXA2/A, TXF TXF/A, TXF2, TXF2/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A
5	31110-ZJ1-840	FLYWHEEL COMP	1		TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A - BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB - TAB/A,TAF,TAF/A,TAF5,TAF5/A,TDW,TDW/A,TWF6,TWF6/A,TXA2,TXA2/A,TXF - TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A
	31110-zJ1-850		1 - 1		TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A -TAX1,TAX1/A,TKW,TXF3,TXF3/A,VXE2,VXE2/A,VXE4,VXE4/A
7 8 9	90201-ZG3-000 90401-ZG3-000 90741-ZE2-000 95701-06012-00 95701-08016-00	NUT, FLANGE, 20MM	1 1 1 1 1 1 3 3 3		- VAB2,VAB2/A



Ref. No.	Part No.	Re Description	eqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
	8451-ZJ1-801 8453-ZJ1-801	SPACER, STARTER PULLEY		TAX1,TAX1/A	
14 9	0013-ZJ1-800	MOUNTING BOLT, UBS, 12X28		TAX1,TAX1/A TAX1,TAX1/A	



3 6141A4 COIL, IGNITION :RIGHT 0. 4 6141C3 TERMINAL, HIGH TENSION :LEFT - 0. 6141C4 TERMINAL, HIGH TENSION :RIGHT 0. 6 614106 DIODE, ENGINE STOP 0.0	Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T
	3 4 6 12	6141A4 6141C3 6141C4 614106	COIL, IGNITION :RIGHT TERMINAL, HIGH TENSION :LEFT - TERMINAL, HIGH TENSION :RIGHT DIODE, ENGINE STOP (5)	0.5 0.5 0.1 0.1

Ref.		F	Reqd. QT			
	Part No.	Description	GX670	Serial	No.	Parts catalogue code
No.		·	(1) (2)		ū
<u> </u>			•			
1 3	30500-ZJ1-841	COIL ASSY., IGNITION	1 -		1011873	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,VXE2
l -	30500-zJ1-842		1 _		10359/3	TAX1,TWF6,TXF7,TXW,VXE1
٠	20200-231-042		1 -	1011874		BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4
			' -	1011074	1033643	
			4		100E0/E	TXF5,TXF8,TXF9,VXE2
	ZOEOO 7 14 0/7		- 1			VXC, VXC2
	30500-ZJ1-843		-	40750//		VAB2,VXE4
			1 -	1035844	1038633	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TAX1,TDW,TWF6,TXA2,TXF,TXF2
				4005077	4005775	TXF3,TXF4,TXF5,TXF7,TXF8,TXF9,TXW,VXE1,VXE2
_	70500 - 14 0//		- 1	1005046		VXC,VXC2
	30500-ZJ1-844		1 1			BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1/A,TDW/A
						TKW,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7/A,TXF8/A
			_			TXF9/A,TXW/A,VAB2/A,VXC/A,VXC2/A,VXE1/A,VXE2/A,VXE4/A
			1 -	1038634		BAF_BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TAX1,TDW,TWF6,TXA2,TXF,TXF2
			_			TXF3,TXF4,TXF5,TXF7,TXF8,TXF9,TXW,VAB2,VXE1,VXE2,VXE4
			- 1	1005666		VXC,VXC2
	30518-ZJ1-000	GROMMET, HIGH TENSION CORD	2 2			
3 3	30550-ZJ1-841	COIL ASSY., IGNITION	1 -		1011873	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4
						TXF5,TXF8,TXF9,VXE2
3	30550-zj1-842	• • • • • • • • • • • • • • • • • • • •	1 -		1035843	TAX1,TWF6,TXF7,TXW,VXE1
			1 -	1011874	1035843	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4
						TXF5,TXF8,TXF9,VXE2
			- 1		1005045	VXC,VXC2
1 3	30550-ZJ1-843		1 -		1038633	VAB2,VXE4
			1 -	1035844	1038633	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TAX1,TDW,TWF6,TXA2,TXF,TXF2
						TXF3,TXF4,TXF5,TXF7,TXF8,TXF9,TXW,VXE1,VXE2
			- 1	1005046	1005665	VXC_VXC2

N

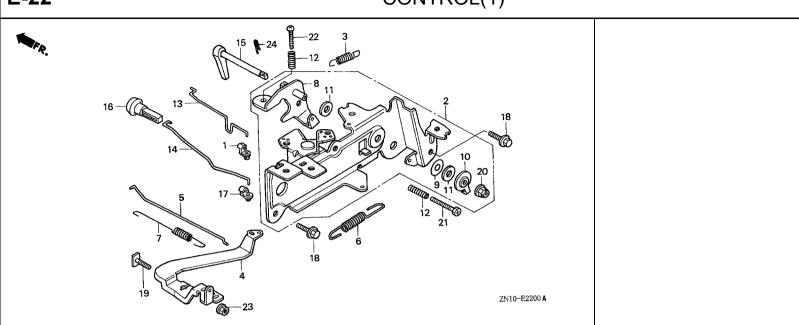
E-20 IGNITION COIL	
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Ref.	Dowl No.		Reqd.		Serial N	Jo	Davis satalarus sada
No.	Part No.	Description	GX(670 (2)	Serial IV	10.	Parts catalogue code
(3) 3	30550-ZJ1-844	COIL ASSY., IGNITION	1	1			BAF/A,BDW/A,BXC/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1/A,TDW/A TKW,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7/A,TXF8/A TXF9/A,TXW/A,VAB2/A,VXC/A,VXC2/A,VXE1/A,VXE2/A,VXE4/A
			1	-			BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TAX1,TDW,TWF6,TXA2,TXF,TXF2 TXF3,TXF4,TXF5,TXF7,TXF8,TXF9,TXW,VAB2,VXE1,VXE2,VXE4
			-	1	1005666		VXC,VXC2
	30700-ZJ1-841	CAP ASSY., NOISE SUPPRESSOR -	2	2			
5 3	31630-ZJ1-003	COIL ASSY., CHARGE (12V/3A) -	1 -	1			TAX1,TAX1/A,TKW,TXF3,TXF3/A,VXE2,VXE2/A,VXE4,VXE4/A
	31740-ZJ1-841	DIODE ASSY., ENGINE STOP	1	-	1	1008085	BAF,BDW,BXF,BXF5,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,VXE2
	31740-ZJ1-851		1	-			BXF9,BXF9/A,TXF9,TXF9/A
3	31740-ZJ1-861		1	-			BAF/A,BDW/A,BXC,BXC/A,BXF/A,BXF5/A,TAB,TAB/A,TAF/A,TAF5/A,TAX1,TAX1/A TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A TXF7,TXF7/A,TXF8/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
			1	-	1008086		BAF,BDW,BXF,BXF5,TAF,TAF5,TDW,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,VXE2
3	31740-ZJ1-871		-	1			VXC2,VXC2/A
3	31740-ZJ1-881	• • • • • • • • • • • • • • • • • • • •	-	1			VXC,VXC/A
	32763-PAO-000	CLAMP, CORD	1	-			
	33312-ZA7-000	GROMMET, TOOL	1	1			
9 9	90014-ZE6-000	BOLT, FLANGE, 6X35 ·····	2	_			TAX1,TAX1/A,TKW,TXF3,TXF3/A,VXE2,VXE2/A,VXE4,VXE4/A
40.6	00744 000		_	2			
10 9	90031-ZE1-000	BOLT, FLANGE, 6X32 ·····	2	2			
11 0	5701-06008-00	BOLT, FLANGE, 6X8	1	1			
	31630-ZJ1-801	COIL ASSY., CHARGE (12V/20A)	i	-			BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TDW,TDW/A,TWF6,TWF6/A,TXA2,TXA2/A,TXF
13 9	20031-ZE1-000	BOLT, FLANGE, 6X32	6	-			TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TDW,TDW/A,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A

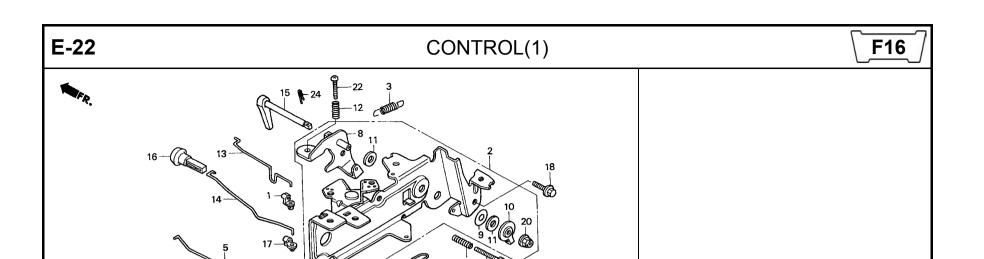
Ref. No.	Part No.	Description	GX(Serial No.	Parts catalogue code
	0201-PH9-004	RING, SNAP (DENSO)	1	1		
	0202-PZ1-003 1200-ZJ1-841	COLLAR SET, CLUTCH STOP MOTOR ASSY., STARTER	1	1 1		
4 3	1203-PH9-004	LEVER, PINION DRIVE	1	1		
5 3	1204-ZJ1-H01	SWITCH ASSY., MAGNET	1	1		
	1206-ZG4-801	ARMATURE COMP	1	1		
	1207-ZJ1-H01	CLUTCH COMP., OVERRUNNING	1	1		
	1211-PH9-004 1212-PH9-004	BRUSH SPRING, BRUSH	4	4		
	1213-P64-N01	COVER	1	1		
10 3	1213 104 101	COVER	•	•		
11 3	1214-PH9-004	BOLT, THROUGH	2	2		
12 3	1216-ZJ1-H01	YOKE COMP	1	1		
	1220-PH9-004	NUT, HEX., 8MM	1	1		
	1223-PAO-006	NUT, FLANGE, 5MM	2	2		
15 5	1231-РН9-004	HOLDER, BRUSH	1	1		
16 3	1233-PH9-004	INSULATOR, BRUSH HOLDER	1	1		
17 3	1234-ZJ1-H01	COVER, TERMINAL	1	1		
	1002-ZG4-801	BEARING A	2	2		
	4001-08200-0s	NUT, HEX., 8MM	1	1		
20 9	4111-08000	WASHER, SPRING, 8MM	1	1		
21 9	4301-10120	DOWEL PIN, 10X12	2	2		
22 9	5701-08110-00	BOLT, FLANGE, 8X110	2	2		
1						
1						

Do	•	F	Regd. QTY	1		
Ret No	Part No	Description	GX670 (1) (2)	Serial	No.	Parts catalogue code
1	16263-883-W10	JOINT, ROD	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
2	16500-ZJ1-850	CONTROL ASSY	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TWF6,TWF6/A,TXA2 TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW TXW/A
	16500-ZJ1-851		1 -			TKW
3	16534-ZN1-000	SPRING, STARTER	1 -			BAF,BXC,BXF,TAF,TAX1,TWF6,TXA2,TXF,TXF2,TXF4,TXF7,TXF8,TXW
			1 -		1054196	BAF/A,BXC/A,BXF/A,TAF/A,TAX1/A,TKW,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF4/A TXF7/A,TXF8/A,TXW/A
	16534-ZN1-010		1 -	1054197		BAF/A,BXC/A,BXF/A,TAF/A,TAX1/A,TKW,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF4/A TXF7/A,TXF8/A,TXW/A
4	16551-ZJ1-840	ARM, GOVERNOR ·····	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1/A,TXX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
5	16555-ZN1-000	ROD, GOVERNOR ·····	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1/A,TXX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
6	16561-ZN1-800	SPRING, GOVERNOR (MANUAL)	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
7	16562-ZN1-000	SPRING, THROTTLE RETURN	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
8	16570-ZJ1-850	ARM COMP., CONTROL	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TWF6,TWF6/A,TXA2 TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW TXW/A
	16570-ZJ1-851		1 -			TKW

ZN10-E2200 A

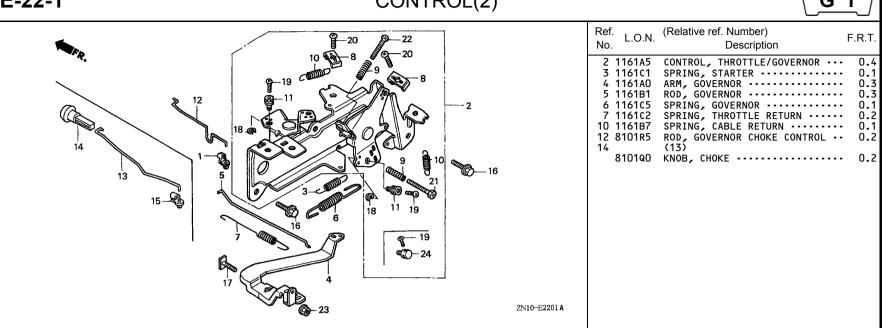


Ref		R	eqd. QT	Υ		
No.	Part No	Description	GX670 (1) (2	Serial	No.	Parts catalogue code
9	16574-883-300	SPRING, LEVER	1 -			- BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
10	16575-ZJ1-850	WASHER, CONTROL ARM	1 -			- BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1/A,TXX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
11	16576-883-300	SPACER, CONTROL LEVER	2 -			- BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
12	16584-883-300	SPRING, CONTROL ADJUSTING	2 -			- BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
13	16611-ZN1-000	ROD, CHOKE CONTROL ·····	1 -			- BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
14	16628-ZJ1-850	ROD, CHOKE KNOB	1 -			- BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
15	17850-ZJ1-850	LEVER ASSY., THROTTLE	1 -			- BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1/A,TXX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
16	17951-921-030	KNOB, CHOKE	1 -			- BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
17	17957-ZV4-000	BUSH, LINKAGE	1 -			- BAF,/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A



Re	F	R	eqd. QT	Y	
	Part No.	Description	GX670	Serial No.	Parts catalogue code
No		·	(1) (2)		·
18	90014-952-000	BOLT, FLANGE, 6X14(CT200) ···	2 -		BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A
19	90015-ZE3-790	BOLT, GOVERNOR ARM	1 -		TXW,TXW/A ·BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A
20	90114-SAO-000	NUT, SELF-LOCK, 6MM ·····	1 -		TXW,TXW/A BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A
21	92301-05025-0A	BOLT, RECESSED, 5X25	1 -		BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A
22	93500-05025-0A	SCREW, PAN, 5X25	1 -		TXW,TXW/A BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A
23	94050-06000	NUT, FLANGE, 6MM	1 -		TXW,TXW/A BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A
24	94251-10000	PIN, LOCK, 10MM ·····	1 -		TXW,TXW/A BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8,TXF8/A TXW,TXW/A

ZN10-E2200 A

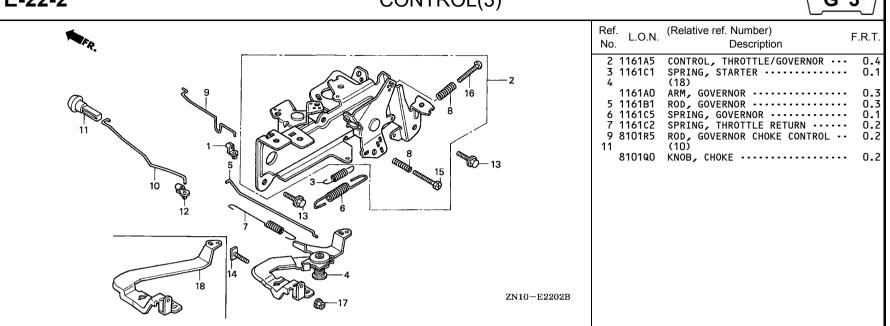


Ref	;	F	Reqd. QT	Y	
No	Part No	Description	GX670	Serial N	o. Parts catalogue code
INO	•		(1) (2)		
1	16263-883-W10	JOINT, ROD	1 -		BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A
2	16500-ZJ1-861	CONTROL ASSY	1 -		TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A BDW,BDW/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A,TXF3,TXF3/A TXF9,TXF9/A,VAB2,VAB2/A
	16500-ZJ1-871		1 -		BXF5,BXF5/A,TXF5,TXF5/A
3	16534-ZN1-000	SPRING, STARTER	1 -		BDW,BXF5,BXF9,TAB,TAF5,TDW,TXF3,TXF5,TXF9,VAB2
			1 -		054196 BDW/A,BXF5/A,BXF9/A,TAB/A,TAF5/A,TDW/A,TXF3/A,TXF5/A,TXF9/A,VAB2/A
1	16534-ZN1-010		1 -	1054197	BDW/A,BXF5/A,BXF9/A,TAB/A,TAF5/A,TDW/A,TXF3/A,TXF5/A,TXF9/A,VAB2/A
4	16551-ZJ1-840	ARM, GOVERNOR	1 -		BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A
5	16555-ZN1-000	ROD, GOVERNOR ·····	1 -		BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A
6	16561-ZN1-000	SPRING, GOVERNOR ·····	1 -		BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A
7	16562-ZN1-000	SPRING, THROTTLE RETURN ·····	1 -		BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/AF5,TAF5/A,TDW,TDW/A TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A
8	16576-891-000	HOLDER, CABLE	1 -		BXF5,BXF5/A,TXF5,TXF5/A
			2 -		BDW,BDW/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A,TXF3,TXF3/A TXF9,TXF9/A,VAB2,VAB2/A
9	16584-883-300	SPRING, CONTROL ADJUSTING ···	2 -		BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A
10	16592-ZJ1-000	SPRING, CABLE RETURN	1 - 2 -		BXF5/AXF5/TXF5/TAF5/TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A,TXF3,TXF3/A TXF9,TXF9/A,VAB2,VAB2/A

E-22-1	CONTROL(2)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	CONTROL(2)	\ G Z /
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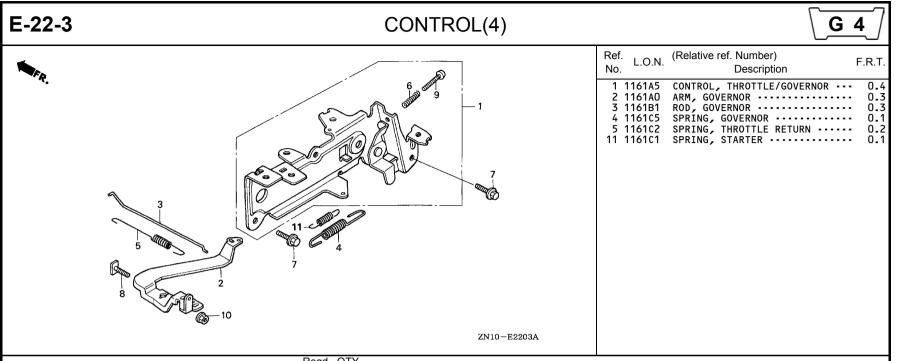
Ref.		F	Reqd. QTY	/	
No.	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
11 10	6594-883-010	HOLDER, WIRE	1 -		- BXF9,TXF9
			1 -		4 BDW,TDW,TXF3 - BDW/A,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW/A,TXF3/A,TXF9/A,VAB2,VAB2/A
12 10	6611-ZN1-000	ROD, CHOKE CONTROL	1 -	1001765	- BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A
	6628-ZJ1-850	ROD, CHOKE KNOB	1 -		TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A - BXF5,BXF5/A,TXF5,TXF5/A
	7951-921-030 7957-ZV4-000	KNOB, CHOKEBUSH, LINKAGE	1 -		- BXF5,BXF5/A,TXF5,TXF5/A - BXF5,BXF5/A,TXF5,TXF5/A
16 90	0014-952-000	BOLT, FLANGE, 6X14(CT200)	2 -		- BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A
17 90	0015-ZE3-790	BOLT, GOVERNOR ARM	1 -		- BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A
18 90	0605-230-000	CIRCLIP, 5MM ·····	1 - 2 -		- BXF5/BXF5/A,TXF5/TXF5/A - BDW,BDW/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A,TXF3,TXF3/A TXF9,TXF9/A,VAB2,VAB2/A
19 97	2301-04006-0H	BOLT, RECESSED, 4X6 ······	1 - 2 -		- BXF5,BXF5/A,TXF5,TXF5/A - BDW,BDW/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A,TXF3,TXF3/A - TXF9,TXF9/A,VAB2,VAB2/A
20 97	2301-05016-0A	BOLT, RECESSED, 5X16	1 - 2 -		TATP/TATPAZYABEZYABEZA - BXF5/BXF5/A,TXF5,TXF5/A - BDW,BDW/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A,TXF3,TXF3/A TXF9,TXF9/A,VAB2,VAB2/A
21 97	2301-05025-0A	BOLT, RECESSED, 5X25	1 -		- BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A
22 9	3500-05025-0A	SCREW, PAN, 5X25	1 -		TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A - BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A
23 9	4050-06000	NUT, FLANGE, 6MM ·····	1 -		- BDW,BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW,TDW/A
24 10	6617-ZJ1-840	HOLDER, CABLE	1 - 1 -	1001765	TXF3,TXF3/A,TXF5,TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A - BDW/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB,TAB/A,TAF5,TAF5/A,TDW/A,TXF3/A,TXF5 TXF5/A,TXF9,TXF9/A,VAB2,VAB2/A - BDW,TDW,TXF3





Ref.			eqd. Q			
No.	Part No	Description	GX670 (1) (0 Serial	No.	Parts catalogue code
2	16263-883-W10 16500-ZJ1-890 16534-ZN1-000	JOINT, ROD	1 1 1		1054196	VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A VXE1,VXE2,VXE4 VXE1/A,VXE2/A,VXE4/A
4	16534-ZN1-010 16550-ZN1-000 16555-ZN1-000	ARM COMP., GOVERNORROD, GOVERNOR	1 1 1			VXE1/A,VXE2/A,VXE4/A VXE2,VXE2/A,VXE4,VXE4/A VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
7 8 9	16561-ZN1-800 16561-ZJ1-860 16562-ZN1-000 16584-883-300 16611-ZN1-000 16628-ZJ1-850	SPRING, GOVERNOR (MANUAL) SPRING, THROTTLE RETURN SPRING, CONTROL ADJUSTING ROD, CHOKE CONTROL ROD, CHOKE KNOB				VXE1, VXE1/A, VXE2, VXE2/A VXE4, VXE4, A VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
12 13 14	17951-921-030 17957-zv4-000 90014-952-000 90015-ze3-790 92301-05025-0A	KNOB, CHOKE BUSH, LINKAGE BOLT, FLANGE, 6X14(CT200) BOLT, GOVERNOR ARM BOLT, RECESSED, 5X25	1			VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
17	93500-05035-0A 94050-06000 16551-zj1-840	SCREW, PAN, 5X35	1 1 1			VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A VXE1,VXE1/A

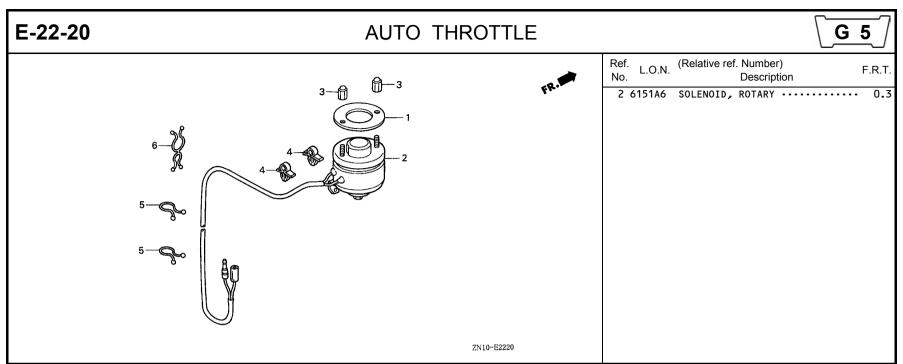




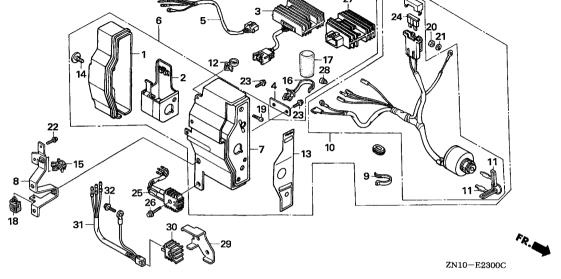
Ref. No.	Part No.	F Description	GX670	Serial No.	Parts catalogue code
1 1 2 1 3 1 4 1 1 5 1 6 1 7 9 8 9 9 9	6500-ZJ1-930 6551-ZJ1-840 6555-ZN2-000 6561-ZN1-820 6561-ZN1-830 6562-ZN2-010 6584-883-300 0014-952-000 0015-ZE3-790 2500-05035-OA	CONTROL ASSY. (GENE)	(1) (2) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1002218 VXC,VXC2 VXC/A,VXC2/A 1002219 VXC,VXC2	
	6534-ZN1-000 6534-ZN1-010	SPRING, STARTER		1002219 VXC,VXC2 1010925 VXC/A,VXC2/A 1010926 VXC/A,VXC2/A	

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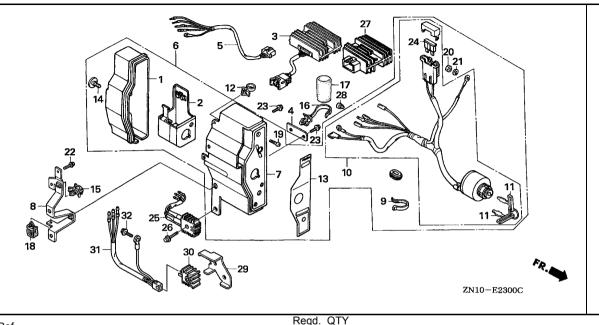


Re	f		eqd. QTY		•
No	Part No	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
3 4	36337-ZJ1-840 36350-ZN1-003 90202-ZJ1-840 90654-SA4-003 90686-459-711	PLATE, SOLENOID	1 - 1 - 2 - 2 - 2 -		2/A,VXE4,VXE4/A 2/A,VXE4,VXE4/A 2/A,VXE4,VXE4/A 2/A,VXE4,VXE4/A 2/A,VXE4,VXE4/A
6	91402-ZJ1-841	CLIP, PURSE LOCK ······	1 -	VXE2,VXE2	2/A,VXE4,VXE4/A
2					



Ref. No.	1 () N	(Relative ref. Number) Description	F.R.T.
2	6221A4 6221H0	CASE, ENGINE CONTROLBRACKET, CASE MOUNTING	
6 7 10 13	6131B7 6111D3 6221N7 6151K5 6151E1 6221G9 8121A7	(27) RECTIFIER, REGULATOR HARNESS, SUB WIRE BOX, ENGINE CONTROL PANEL, ENGINE CONTROL SWITCH, COMBINATION MARK, CONTROL BOX FUSE, BLADE	0.2 0.4 0.3 0.1
	6221L0	RECTIFIER, CONTROL BOX	0.2

Ref.		F	Reqd. Q		<u> </u>
No.	Part No.	Description	GX670	Serial No.	Parts catalogue code
1 3	31612-ZE2-003	CASE, CONTROL	1		BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
2 3	31614-ZE2-003	BRACKET, CASE MOUNTING	1		BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4/A TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
3 3	31620-ZG5-003	RECTIFIER ASSY., REGULATOR (20A)	1		TXF7
3	31620-ZG5-013		1		BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TDW,TDW/A,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7/A,TXF8,TXF8/A,TXF9 TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A
4 3	32103-759-000	BRACKET, WIRE HARNESS CLIP	1		BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4/A TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
5 3	32105-ZJ1-800	HARNESS ASSY., SUB WIRE	1	1	BAF,BAF/A,BDW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAF5,TAF5/A,TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2 TXF2/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXF9,TXF9/A TXW,TXW/A,VAB2,VAB2/A,VXC,VXC/A,VXE1,VXE1/A
3	32105-ZN1-800		1 1 1	1011512 - 1011513	TDW/A
	32340-ZJ1-841 32340-ZJ1-851	BOX ASSY., CONTROL	1 1		BAF,BXC,BXF,TAF,TXA2,TXF,TXF2,TXF3,TXF8,VXE2 BXF5,TXF4,TXF5



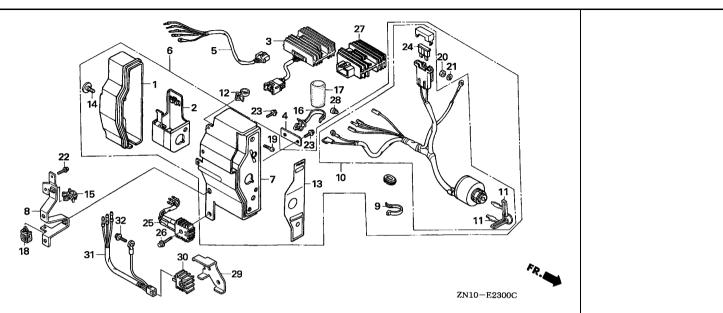
F	Ref.			equ. c	ווע			
	No.	Part No.	Description	GX67	70	Serial	No.	Parts catalogue code
ľ	NO.			(1)	(2)			
((6) 3	32340-ZJ1-842	BOX ASSY., CONTROL	1	-			BAF/A,BXC/A,BXF/A,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A,TXA2/A,TXF/A TXF2/A,TXF3/A,TXF7,TXF7/A,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2/A
				1	-	1015275		BAF,BXC,BXF,TAF,TXA2,TXF,TXF2,TXF3,TXF8,VXE2
	3	32340-ZJ1-852		1	-			BXF5/A,TXF4/A,TXF5/A,VXE4,VXE4/A
				1	-	1015995		BXF5,TXF4,TXF5
	7 3	32345-ZJ1-811	PANEL COMP., CONTROL	1	-		1015274	BAF,BXC,BXF,BXF5,TAF,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,VXE2
	3	32345-ZJ1-812		1	-			BAF/A,BXC/A,BXF/A,BXF5/A,TAF/A,TAX1,TAX1/A,TKW,TWF6,TWF6/A,TXA2/A
								TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A,TXF8/A,TXW,TXW/A,VXE1
								VXE1/A,VXE2/A,VXE4,VXE4/A
				1	-	1015275		BAF,BXC,BXF,BXF5,TAF,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,VXE2
	8 3	32349-ZJ1-840	STAY, CONTROL BOX	1	-			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW
								TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A
								TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A
								VXE4,VXE4/A
	9 3	32902-892-003	BAND	1	-			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW
								TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A
								TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A
								VXE4,VXE4/A
1	10 3	35100-ZJ1-841	SWITCH ASSY., COMBINATION	1	-			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW
								TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A
								TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A
								VXE4,VXE4/A
١,	11 7	35111-880-003	KEY COMP	2	_		1026320	BAF,BXC,BXF,BXF5,TAF,TAX1,TWF6,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXW
		000-003	KLI COM .	_	_		1020327	VXE1,VXE2

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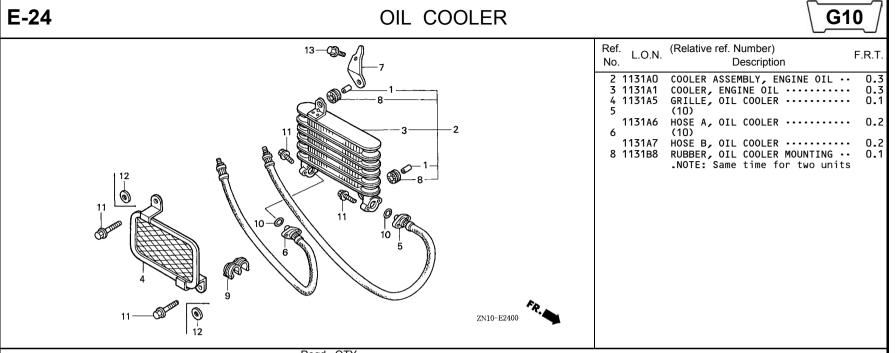
	E-23	CONTROL BOX	\int \mathbf{c}	8 6	
ı	L-20	OUNTROL BOX		<u>, </u>	J

Ref.			eqd. QT\			
No.	Part No.	Description	GX670 (1) (2)	Seria	l No.	Parts catalogue code
11)	35111-880-013	KEY COMP	2 -			- BAF/A,BXC/A,BXF/A,BXF5/A,TAF/A,TAX1/A,TKW,TWF6/A,TXA2/A,TXF/A,TXF2/A TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A,TXF8/A,TXW/A,VXE1/A,VXE2/A,VXE4 VXE4/A
			2 -	1026330		- BAF,BXC,BXF,BXF5,TAF,TAX1,TWF6,TXA2,TXF,TXF2,TXF3,TXF4,TXF5,TXF8,TXW VXE1,VXE2
	36103-ZE1-000	HOLDER, STOP SWITCH CORD ····	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TKW,TWF6,TWF6/A TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A,VXE4,VXE4/A
13	87529-ZE2-860	MARK, CONTROL BOX (EXTERNAL-REGULATOR)	1		102027/	DAE DVC DVC TAE TAV4 THE4 TVAD TVC TVC2 TVC2 TVC0 TVH NVC4 NVC2
	87529-ZH8-W40 87529-ZE2-861	MARK, CONTROL BOX (ENGLISH) - MARK, CONTROL BOX	1 -			BAF,BXC,BXF,TAF,TAX1,TWF6,TXA2,TXF,TXF2,TXF3,TXF8,TXW,VXE1,VXE2 BXF5,TXF4,TXF5
	01327 222 001	(EXP-REGULATOR)	1 -			- BAF/A,BXC/A,BXF/A,TAF/A,TAX1/A,TKW,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A TXF7,TXF7/A,TXF8/A,TXW/A,VXE1/A,VXE2/A
	87529-ZH8-W41	MARK, CONTROL BOX (ENGLISH) -	1 - 1 -	1020275		BAF,BXC,BXF,TAF,TAX1,TWF6,TXA2,TXF,TXF2,TXF3,TXF8,TXW,VXE1,VXE2 BXF5/A,TXF4/A,TXF5/A,VXE4,VXE4/A
l		•	1 -	1020397		BXF5,TXF4,TXF5
14	90380-MA6-010	SCREW, SPECIAL, 6X12 ······	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4/A TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
15	32171-GJ1-003	CLIP, WIRE HARNESS	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
16	90676-SA8-003	BAND, WIRE HARNESS, 150MM (BLUE)	1			DAT DAT/A DVC DVC/A DVC DVC/A DVFE DVFE/A TAT TAT/A TAVA TAVA/A TVI
		(BLUE)	' -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
17	91408-ZJ1-810	TUBE, CORD, 30MM ·····	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A
18	91504-750-003	CLIP, WIRE HARNESS	1 -			VXE4,VXE4/A BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A
						TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A
19	93500-04012-0H	SCREW, PAN, 4X12 ·····	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
20	94001-04080-0s	NUT, HEX., 4MM ·····	1 -			VAL-7-VAL-7 - BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW - TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A - TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A - VXE4,VXE4/A
21	94111-04800	WASHER, SPRING, 4MM	1 -			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A VXE4,VXE4/A
22	95701-06010-00	BOLT, FLANGE, 6X10 ·····	1 -			VXE4,VXE4/N - BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW - TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A - TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/A - VXE4,VXE4/A

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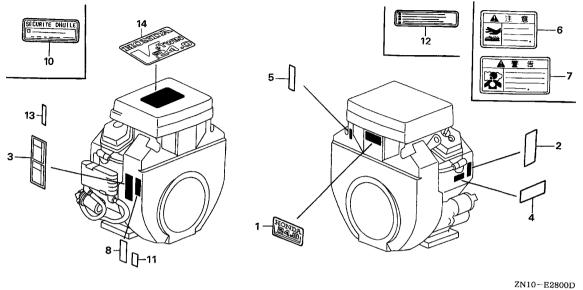
Ref.			Reqd. C			
No.	Part No.	Description	GX67 (1)	o Se	rial No	lo. Parts catalogue code
23 9	95701-06012-00	BOLT, FLANGE, 6X12	2			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/F TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2/F VXE4,VXE4/A
24 9	98200-32500	FUSE, BLADE (25A) ······	1			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,TAF,TAF/A,TAX1,TAX1/A,TKW TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4// TXF5,TXF5/A,TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXE1,VXE1/A,VXE2,VXE2// VXE4,VXE4/A
25 3	31710-ZJ1-811	RECTIFIER ASSY	1			TAX1,TAX1/A,TKW,TXF3,TXF3/A,VXE2,VXE2/A
	95701-06032-00 31600-ze2-861	BOLT, FLANGE, 6X32 RECTIFIER ASSY., REGULATOR	1			TAX1,TAX1/A,TKW,TXF3,TXF3/A,VXE2,VXE2/A,VXE4,VXE4/A
	32823-zv5-003	PLUG, INNER CONNECTOR	- 1 2	1		VXC,VXC/A BAF,BAF/A,TAF,TAF/A,TKW,VXC,VXC/A TAX1,TAX1/A
	31604-ZJ7-800 31750-735-003	BRACKET, REGULATOR RECTIFIER RECTIFIER COMP., REGULATOR	1 1			VXE4,VXE4/A VXE4,VXE4/A
31 3	32183-ZJ0-890	HARNESS ASSY., REGULATOR RECTIFIER	1			VXE4,VXE4/A
32 9	95701-06012-00	BOLT, FLANGE, 6X12	i			VXE4,VXE4/A



Ref		F	Reqd. C	QΤΥ		
No	Part No	Description	GX67 (1)	70 (2)	Serial No.	Parts catalogue code
1	11513-MN5-300	COLLAR, 12MM ·····	2	- 2		- VXC2_VXC2/A
2	15605-ZN1-000	COOLER ASSY., OIL	1	_ 1		,
3	15610-ZN1-000	COOLER COMP., OIL	1	- 1		- VXC2_VXC2/A
4	15613-ZN1-000	GRILLE, OIL COOLER ······	1	1		- NAC-/VACE/A BAF,BAF/A,BBW,BDW/A,BXC,BXC/A,BXF,BXF/A,BXF5,BXF5/A,BXF9,BXF9/A,TAB TAB/A,TAF,TAF/A,TAX1,TAX1/A,TDW,TDW/A,TKW,TWF6,TWF6/A,TXA2,TXA2/A,TXF TXF/A,TXF2,TXF2/A,TXF3,TXF3/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF7,TXF7/A TXF8,TXF8/A,TXF9,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXC2,VXC2/A,VXE1,VXE1/A VXE2,VXE2/A,VXE4,VXE4/A
5	15614-ZN1-003	HOSE A, OIL ·····	1 -	1		
6	15616-ZN1-003	HOSE B, OIL ······	1_	- 1		- VXC2,VXC2/A
7	15676-ZN1-000	STAY, OIL COOLER	1	- 1		
8	19051-KA3-830	RUBBER, RADIATOR MOUNTING	2	- 2		,
9	19314-PH6-000	CLAMP, HOSE (D13.5)	1_	1		,
10	91314-ME5-003	O-RING, 10X2.6(ARAI)	2 -	<u>-</u> 2		,
11	95701-06022-00	BOLT, FLANGE, 6X22 ·····	6	-		- VXC2.VXC2/A
	61102-KF9-900 90014-952-000	WASHER, FR. FENDER	2 1	-		
		, , , , , , , , , , , , , , , , , , , ,		1		- VXC2,VXC2/A

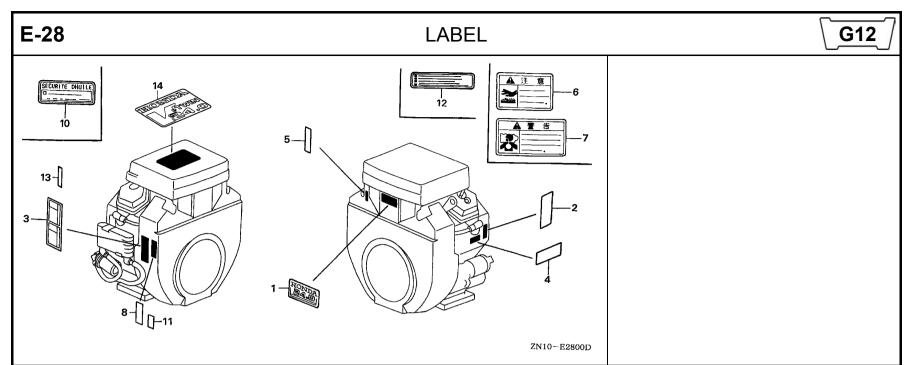
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E-28 LABEL G11



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.
		NO INFORMATION	

Ref.		F	Reqd. Q	TY			1
No.	Part No.	Description	GX670 (1)	0 (2)	Serial	No.	Parts catalogue code
1 8	37101-ZN1-000	EMBLEM ·····	1	-		1015118	BAF,BDW,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4,TXF5 TXF8,TXF9,VXE2
3	37101-ZN1-010	•••••	1	-			BAF/A,BDW/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1/A,TDW/A TKW,TWF6,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7,TXF7/A TXF8/A,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2/A,VXE4,VXE4/A
			1	-	1015119		BAF,BDW,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4,TXF5 TXF8,TXF9,VXE2
2 8	37152-ZN1-000	LABEL, SPECIFICATION (GX670)	1	-		1011624	BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,VXE2
8	37152-ZN1-010		1	-			BAF/Á,BDW/A,BXĆ/A,BXF/A,BXF5/A,BXF9/A,TAB/A,TAF/A,TAF5/A,TAX1,TAX1/A TDW/A,TKW,TWF6,TWF6/A,TXA2/A,TXF/A,TXF2/A,TXF3/A,TXF4/A,TXF5/A,TXF7 TXF7/A,TXF8/A,TXF9/A,TXW,TXW/A,VAB2,VAB2/A,VXE1,VXE1/A,VXE2/A,VXE4 VXE4/A
			1	-	1011625		BAF,BDW,BXC,BXF,BXF5,BXF9,TAB,TAF,TAF5,TDW,TXA2,TXF,TXF2,TXF3,TXF4 TXF5,TXF8,TXF9,VXE2
	37516-YF3-660	MARK, OPERATOR CAUTION	1	-			BXF5,BXF5/A,BXF9,BXF9/A,TDW/A,TXF4,TXF4/A,TXF5,TXF5/A,TXF9,TXF9/A
	37520-ZL8-810	MARK A, COMBINATION (J)	1	-			TXF3,TXF3/A
	37532-ZH8-000 37532-ZH8-810	MARK, OIL ALERT (INTERNAL) MARK, OIL ALERT (EXTERNAL)	1	1			TXF3,TXF3/A BXC,BXC/A,BXF,BXF/A,TWF6,TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A TXF7,TXF7/A,TXF8,TXF8/A,TXW,TXW/A,VXC2,VXC2/A,VXE1,VXE1/A,VXE2,VXE2/A
5 8	37532-ZJ1-840	MARK, THROTTLE INDICATION	1	-			BAF,BAF/A,BXC,BXC/A,BXF,BXF/A,TAF,TAF/A,TAX1/A,TAX1/A,TDW/A,TKW,TWF6 TWF6/A,TXA2,TXA2/A,TXF,TXF/A,TXF2,TXF2/A,TXF4,TXF4/A,TXF7,TXF7/A,TXF8 TXF8/A,TXW,TXW/A
6.8	37539-737-J00	MARK, HEAT CAUTION	1	_			TXF3,TXF3/A
	87561-733-J00 87135-ZE2-000	MARK, EX. GAS WARNING LABEL, E-SPEC (HONDA)	1	-			TXF3,TXF3/A
		(EPA STANDARD)	1	-	1005577	1011038	BXF,BXF5,BXF9,TAF5,TXF,TXF3,TXF4,TXF5,TXF8,TXF9



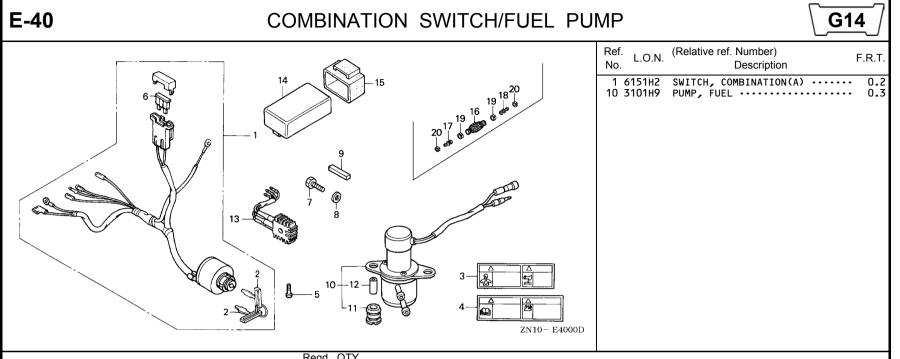
Ref. No.	Part No.	F Description	GX670 (1) (2)	Serial N	lo. Parts catalogue code
8	87135-ZE2-010 87135-ZE2-020 87530-ZL8-820	LABEL, E-SPEC (EPA STANDARD) LABEL, E-SPEC (15.5X27.5) MARK, OIL ALERT (FRENCH)	1 - 1 - 1 - 1 - 1 - 1 - 1 -	1011039 1 1017383 1 1017383 1	
12 8 13 8	87114-ZH7-000 87522-ZH9-010 87637-ZM3-800 87101-ZN1-U50	LABEL, WARNING (NOT CERTIFIED FOR SALE) LABEL, CAUTION (ENGLISH, ETC.) MARK (C-TICK)	1 - 1 - 1 - 1 -	1037552	BXC/A,TAB/A,TAF5/A,TAX1/A,TKW,TXF3/A BXC,TAB,TAF5,TAX1,TXF3 TDW/A TXF8/A,TXW/A,VXE1/A

ZN10-E2900B

F.R.T.

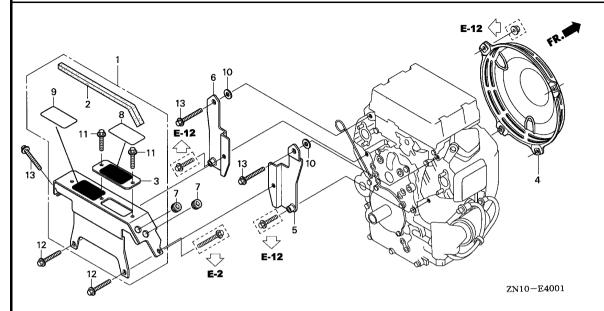
NO INFORMATION -----

No. Part No. Description Gx670 Serial No. Parts catalogue code (1) (2)					ZW10-E5900D
TXF9/TXF9/A 99004-21001 WRENCH, BOX (P21) 1 TAF5,TAF5/A 2 89219-805-000 HANDLE, BOX WRENCH 1 TXF3,TXF3/A	Ref. Part No.		GX670	Serial No.	Parts catalogue code
	99004-21001 2 89219-805-000	WRENCH, BOX (P21)	1 - 1 - 1 - 1 -		- TXF3,TXF3/A



Ref No.	Part No	R Description	eqd. C GX67 (1)		Serial	No.	Parts catalogue code
3 4 5	35100-ZJ1-841 35111-880-003 35111-880-013 87520-ZH8-000 87526-ZH8-000 93500-04008-0A	MARK A, COMBINATION MARK B, COMBINATION MARK B, COMBINATION SCREW, PAN, 4X8	1 2 2 2 1 1	-	1026330	1026329	- TAB,TAB/A,TAF5,TAF5/A P TAB,TAF5 - TAB/A,TAF5/A - TAB,TAF5 - TAB,TAF5 - TAF5,TAF5/A - TAF5,TAF5/A - TAF5,TAF5/A - TAF5,TAF5/A
7 8 9	98200-32500 90003-ZE2-000 90473-ZE2-000 90745-ZE2-600 16700-758-003	FUSE, BLADE (25A) BOLT, HEX. (7/16-20UNF) WASHER, 11.7MM KEY, 6.3X6.3X43 PUMP ASSY., FUEL	1 1 1 1 1	<u>-</u> -			
12 13 14	16711-679-000 16712-657-300 31710-ZJ1-811 34341-ZJ1-003 34343-ZAA-K61	RUBBER, FUEL PUMP MOUNTING COLLAR, FUEL PUMP DISTANCE RECTIFIER ASSY	2 2 2 2 - -	- - 1 1			- TAF5 - TAF5/A
17 18 19	17661-921-000 17661-921-010 17665-zv5-000 17680-zv4-000 17703-921-010 17704-zv4-010	VALVE COMP., IN	1 1 1 2 2				

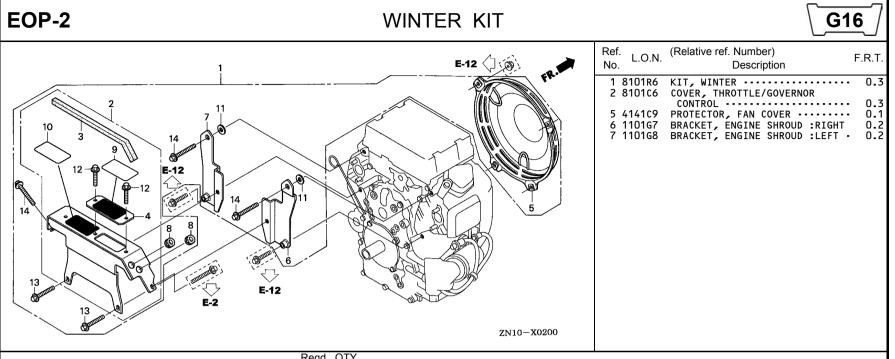
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1 8101C6 COVER, THROTTLE/GOVERNOR CONTROL	R.
6 1101G8 BRACKET, ENGINE SHROUD :LEFT -	0. 0. 0.

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Ref		R	eqd. C)TY			<u> </u>
No	Part No	Description	GX67	0 (2)	Serial No.		Parts catalogue code
2 3 4	16590-ZJ1-800 16593-ZJ1-800 16594-ZJ1-800 19621-ZJ1-811 19636-ZJ1-800	COVER ASSY., CONTROL SEAL, CONTROL COVER COVER B, CONTROL PROTECTOR, FAN COVER BRACKET COMP., R. SHROUD	1 1 1 1			TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A	
7 8 9	19637-ZJ1-800 77228-340-003 87538-ZJ1-800 87538-ZJ1-810 90501-399-880	BRACKET COMP., L. SHROUD RUBBER, SEAT LOCK BAR CUSHION LABEL, OPERATOR NOTICE (E) LABEL, OPERATOR NOTICE (F) WASHER, PLAIN, 8MM	1 2 1 1 2	= =		TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A	
12	95701-06012-00 95701-06016-00 95701-08020-00	BOLT, FLANGE, 6X12 BOLT, FLANGE, 6X16 BOLT, FLANGE, 8X20	2 2 3			TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A	



Ref.		F	Reqd. QTY		
No.	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
2 1 3 1 4 1 5 1 6 1 7 1 8 7 9 8 10 8 11 9 12 9	06192-ZJ1-800 6590-ZJ1-800 6593-ZJ1-800 6594-ZJ1-800 9621-ZJ1-811 9636-ZJ1-800 9637-ZJ1-800 9637-ZJ1-800 97228-340-003 97538-ZJ1-810 10501-399-880 15701-06012-00 15701-08020-00	KIT, WINTER COVER ASSY., CONTROL SEAL, CONTROL COVER COVER B, CONTROL PROTECTOR, FAN COVER BRACKET COMP., R. SHROUD BRACKET COMP., L. SHROUD RUBBER, SEAT LOCK BAR CUSHION LABEL, OPERATOR NOTICE (E) LABEL, OPERATOR NOTICE (F) WASHER, PLAIN, 8MM BOLT, FLANGE, 6X12 BOLT, FLANGE, 6X16 BOLT, FLANGE, 8X20	(1) (1) (1) (1) (1) (2) - (2) (2) -		TWF6/TWF6/A TWF6/TWF6/A TWF6/TWF6/A TWF6/TWF6/A TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A TWF6,TWF6/A

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Part Number	Address I	Page R	ef.	Part Number	Address	Page	Ref.	Part Number	Address	Page I	Ref.	Part Number	Address	Page	Ref.	Part Number	Address	Page	Ref.
06000				13310-ZN1-000	D7	26	1	4.040 0.4	E11	46	3	16500-ZJ1-871	G1	68	2	16628-ZJ1-850	F15	66	14 13
06192-zJ1-800	G16	83	1	13310-ZN1-800 13310-ZN1-810 13310-ZN1-U40	D7 D7 D7	26 26 26	2 4 7	16010-ZN1-941 16011-ZN1-003 16011-ZN1-801	E3 E3 E3	38 38 38	3 4 4	16500-ZJ1-890 16500-ZJ1-930 16510-ZJ1-840	G3 G4 D6	70 71 25	2 1 12	16700-758-003	G2 G3 G14	69 70 81	13 10 10
11000	NE.	27	1	14000				16013-ZN1-003 16013-ZN1-801	E11 E4	46 39	4 5 5	16511-ZJ1-840 16512-ZJ1-840	D6 D6	25 25	13 14 15	16700-ZL8-003 16700-ZL8-013	F5 F5	56 56	1 1 11
11300-ZJ1-840 11300-ZJ1-841	D5 D5	24 24	1	14100-ZJ1-842	D9	28	2	10013-201-001	E4 E11	39 46	5	16513-ZE2-000 16531-ZOA-000	D6 D6	25 25	16	16711-679-000 16711-ZJ1-840	G14 F5	81 56	2
11300-ZJ1-842 11381-ZJ1-840 11513-MN5-300	D5 D5 G10	24 24 77	1 2 1	14410-ZJ1-840 14431-ZE2-010 14451-ZE1-013	D9 D9 D9	28 28 28	3 4 5	16015-ZN1-003 16015-ZN1-801	E4 E4 E11	39 39 46	6 6	16531-ZE2-000 16534-ZN1-000	D6 F14 G1	25 65 68	16 3 3	16712-657-300 16715-ZJ1-840 16715-ZJ1-850	G14 D16 D16	81 35 35	12 1 2
11911-ZJ1-840	D1	20	1	14568-ZJ1-841 14576-ZJ1-840	D9 D9	28 28 28	6 7	16015-ZN1-831 16015-ZN1-941	E10 E4	45 39 43	1	4/57/ 704 040	G3 G4	70 71	3 11	16715-ZJ1-860 16715-ZJ1-930	D16 D16	35 35 56	2 1
12000 12000-ZN1-010	D3	22 22	1	14711-ZE3-000 14711-ZF6-F00 14721-ZE3-000	D9 D9 D9	28 28	8 8 9	16016-ZN1-801 16024-124-760	E8 E11 E4	45 46 39	33 7 7	16534-ZN1-010	F14 G1 G3	65 68 70	3 3 3	16851-ZN1-000 16852-ZJ1-840 16852-ZJ1-850	F5 F5 F5	56 56	3 4 4
12000-ZN1-405 12000-ZN1-406	D3 D3	22 22	1	14721-ZF6-F00 14730-ZJ1-841	D9 D9	28 28	9 10	16024-ZN1-003	E11 E4	46 39	8 7	16541-ZJ1-840	G4 D3	71 22	11 6	16882-ZJ1-840 16910-ZE8-015	F6 F6	57 57	5 6
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12000-ZN1-Q01	D3	22	1	14773-ZE2-000	D9	28	15	16100-ZN1-003	E4	39	10	16555-ZN1-000	F14	65	5	17101-ZN1-000	D2	21	13
12105-ZA0-701 12204-ZE2-306	D5 D1	24 20	3 2	14775-ZE2-010 14781-ZE2-000	D9 D9	28 28	16 17	16100-ZN1-801 16100-ZN1-812	E4 E4	39 39	10 10		G1 G3	68 70	5 5	17103-ZN1-000 17103-ZN1-010	E6 E6	41 41	17 17
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12210-ZJ1-406	D1	20	4	15000				16100-ZN1-941	E9	44	40	16561-ZN1-000	G1	68	6	17151-ZJ1-841	D2	21	14
12210-ZJ1-407 12216-ZE2-300	D1 D1	20 20	4 5	15120-ZJ1-000	D5	24	4	16100-ZN1-H03 16100-ZN1-U01	E4 E4	39 39	10 10	16561-ZN1-800	F14 G3	65 70	6	17207-ZJ1-840 17208-ZJ1-840	E15 E15	50 50	1 2
12220-ZJ1-405 12220-ZJ1-406	D1 D1	20 20	6	15124-ZJ1-003 15232-ZJ1-000	D5 D5	24 24	5 6	16100-ZN1-U41 16148-141-881	E11 E8	46 43	10 34	16561-ZN1-820 16561-ZN1-830	G4 G4	71 71	4	17209-ZJ1-840 17210-759-013	E15 E15	50 50	3 4
12251-ZJ1-841	D1	20	7	15348-ZJ1-840	D5	24	7		E11	46	11	16562-ZN1-000	F14	65	7	17210-ZJ1-841	E13	48	1
12251-ZN1-821 12311-ZJ1-840	D1 D1	20 20	7 8 9	15400-ZJ1-004 15411-ZN1-000 15427-ZJ1-000	D5 D5 D5	24 24 24	8 9 10	16150-ZN1-003 16163-ZN1-831 16166-ZN1-801	E5 E10 E8	40 45 43	11 4 35	16562-ZN2-010	G1 G3 G4	68 70 71	7 7 5	17210-ZJ1-842 17210-ZN1-821 17213-ZJ4-830	E13 E13 D2	48 48 21	1 1 29
12314-ZJ1-840	D1	20	8	15558-ZJ1-003 15605-ZN1-000	D3 G10	22 77	5 2	16178-ZN1-801	E11 E8	46 43	12 36	16570-ZJ1-850 16570-ZJ1-851	F14 F14	65 65	8	17214-ZJ4-830 17218-ZJ1-840	D2 E13	21 48	30 2 3
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12357-ZJ4-830	E14	49 ′		15613-ZN1-000	G10	77	4		E11	46	14	16576-891-000	G1	68	8	17220-ZN1-820	E13	48	4
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12391-ZE2-020 13000	D1	20 ′	10	15615-ZN1-820 15616-ZN1-003 15625-ZJ1-840	D6 G10 D1	25 77 20	30 6 12	16211-ZN1-000	E11 E5 E10	46 40 45	15 15 5	16590-ZJ1-800	G3 G4 G15	70 71 82	8 6 1	17224-ZJ1-850 17228-ZN1-000	E15 E6 E10	50 41 45	7 18 9
13010-zJ1-841	D8	27	1	15655-ZJ1-861	D2 D6	21 25	28 11	16221-ZN1-000	E11 E6	46 41	16 16	16592-ZJ1-000	G16 G1	83 68	2 10	17229-ZN1-000	E11 E13	46 48	19
13011-ZJ1-841 13012-ZJ1-841	D8 D8	27 27	1	15676-ZN1-000 15772-551-000	G10 E3	77 38	7 2		E10 E11	45 46	6 17	16593-ZJ1-800	G15 G16	82 83	2	17230-759-003	E16 E15	51 50	5 27 8
13013-ZJ1-841 13101-ZN1-000	D8 D8	27 27	1 2 2		E11 E14	46 49	2 13	16263-883-W10	F14 G1	65 68	1	16594-883-010 16594-ZJ1-800	G2 G15	69 82	11 3	17230-ZJ1-840 17230-ZN1-820	E14 E14	49 49	6
13102-ZN1-000 13103-ZN1-000	D8 D8	27 27	2	16000				16347-ZN1-820	G3 E10	70 45	7 7	16611-ZN1-000	G16 F15	83 66		17232-891-000 17233-ZJ1-840	E15 E14	50 49	6 9 7
13104-ZN1-000 13111-ZJ1-840	D8 D8	27 27	2	16010-ZN1-003	E3	38	3	16500-ZJ1-850 16500-ZJ1-851	F14 F14	65 65	2		G2 G3	69 70	12 9	17234-ZJ1-840 17238-ZJ4-830	E14 E6	49 41	8 19
13200-ZN1-003	D8	27	4	16010-ZN1-801	E3	38	3	16500-ZJ1-861	G1	68	2	16617-ZJ1-840	G2	69	24		E10	45	10

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17238-ZJ4-830	E11 46 E14 49 E15 50	20 9 10		E1 E1 E2	36 36 37	6 7	31207-ZJ1-H01 31211-PH9-004 31212-PH9-004	F13 F13 F13	64 64 64	7 8 9	35000 35100-zJ1-841	G 7	74	10	87529-ZE2-861 87529-ZH8-W40 87529-ZH8-W41	G8 G8 G8	75 75 75	13 13 13
17251-ZJ1-850 17253-759-003 17320-ZG5-801 17330-ZG5-801	E15 50 E15 50 E15 50 E15 50	11 12 13 14	19632-ZN1-000 19632-ZN1-010 19636-ZJ1-800	E1 E2 G15 G16	36 37 82 83	7 5	31213-P64-N01 31214-PH9-004 31216-ZJ1-H01 31220-PH9-004	F13 F13 F13 F13	64 64 64	10 11 12 13	35111-880-003 35111-880-013	G14 G7 G14 G8	81 74 81 75	1 11 2 11	87530-ZL8-820 87532-ZH8-000 87532-ZH8-810 87532-ZJ1-840	G12 G11 G11 G11	79 78 78 78	10 4 4 5
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17661-921-000 17661-921-010 17665-zv5-000	G14 81 G14 81 G14 81	16 16 17	25000			. •	31234-ZJ1-H01 31511-ZJ1-000 31600-ZE2-861	F13 D4 G9	64 23 76	17 8 27	36000 36103-ZE1-000	G8	75	12	87539-737-J00 87561-733-J00	G16 G11 G11	83 78 78	10 6 7
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17957-zv4-000	G2 69 G3 70 F15 66 G2 69	14 11 17 15	28421-ZE3-W01 28422-ZE2-W01 28441-ZE2-W01 28442-ZE2-W01	D15 D15 D15 D15	34 34 34 34	4 5	31630-ZJ1-801 31710-ZJ1-811 31740-ZJ1-841	F12 G9 G14 F12	63 76 81 63	12 25 13 6	37240-ZG5-004 61000	D4	23	10	90000	G13	80	2
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19000 19051-KA3-830 19111-MF5-000	G10 77 E15 50	8 16	30201-PH9-004 30202-PZ1-003 30500-ZJ1-841 30500-ZJ1-842	F13 F13 F11 F11	64 64 62 62	1	32340-ZJ1-842 32340-ZJ1-851 32340-ZJ1-852 32345-ZJ1-811	G7 G6 G7 G7	74 73 74 74	6 6 7	83000 83551-MB9-000	E15	50	17		F16 G2 G3 G4	67 69 70 71	18 16 13 7
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19611-ZJ1-840Z 19611-ZJ1-850Z 19611-ZJ1-930	C D16 35 C E2 37 D16 35	3 21 3	30700-zJ1-841	F12	63	4	33713-GC2-000	E2	37	8	87135-ZE2-010 87135-ZE2-020 87152-ZN1-000	G12 G12 G11	79 79 78	8 8 2	90018-PN3-000 90018-ZE1-000	G4 D6 E2	71 25 37	8 18 12
19612-ZJ1-840 19612-ZJ1-841 19614-ZJ1-840 19614-ZJ1-841	D16 35 E1 36 E1 36 E1 36	5	31110-ZJ1-840 31110-ZJ1-850 31200-ZJ1-841	F9 F9 F13	60 60 64	5 5 3	34000 34150-ZJ1-841 34150-ZJ1-842	E2 E2	37 37	9 9	87152-ZN1-010 87516-YF3-660 87520-ZH8-000 87520-ZL8-810	G11 G11 G14 G11	78 78 81 78	2 3 3 3	90018-ZJ1-840 90029-888-000 90031-ZE1-000	D2 D4 D4 F12	21 23 23 63	12 13
19621-ZJ1-801Z 19621-ZJ1-811	C E2 37	27 4	31203-PH9-004 31204-ZJ1-H01 31206-ZG4-801	F13 F13 F13	64 64 64		34341-ZJ1-003 34343-ZAA-K61	G14 G14	81	14 15	87522-ZH9-010 87526-ZH8-000 87529-ZE2-860	G12 G14 G8	79 81 75	12 4	90041-147-000 90042-zJ1-840	E10 E2	45	13 12 13

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Honda Motor Co., Ltd. Service Division

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CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE TITLE	[P	GX670 GX670 ROPANE ENGINE]
NEWS NO.		001

Printed in Japan

					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
E-18	14		95002-50000	CLIP, TUBE (C9)	1 -		BAF, BDW, BXC, BXF, BXF5, BXF9, TAB, TAF, TAX1, TDW, TWF6, TXA2, TXF TXF2, TXF3, TXF4, TXF5, TXF7, TXF8, TXF9, TXW, VAB2, VXE1, VXE2, VXE4
					1 -	1009898	TAF5
					1 -	1054261	BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAX1/A TDW/A, TKW, TWF6/A, TXA2/A, TXF/A, TXF2/A, TXF3/A, TXF4/A, TXF5/A TXF7/A, TXF8/A, TXF9/A, TXW/A, VAB2/A, VXE1/A, VXE2/A, VXE4/A
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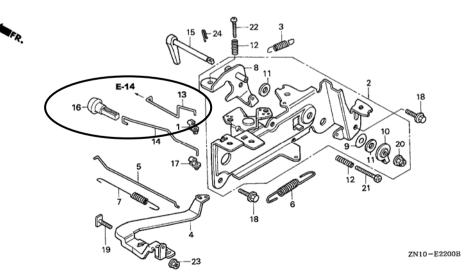
CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE TITLE	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		002

Printed in Japan

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Block No.	Ret. No	Note	Part No.	Description	Serial No.	Parts catalogue code
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E-22 CONTROL (1)

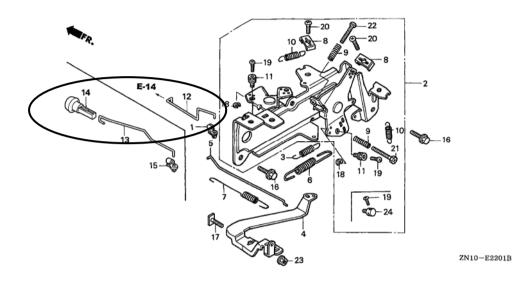
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E-22-1 CONTROL (2)

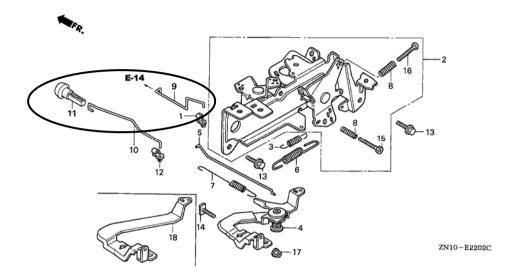
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E-22-2 CONTROL (3)

- ILLUSTRATION CORRECTED





PARTS CATALOGUE NEWS

Honda Motor Co., Ltd. Service Division

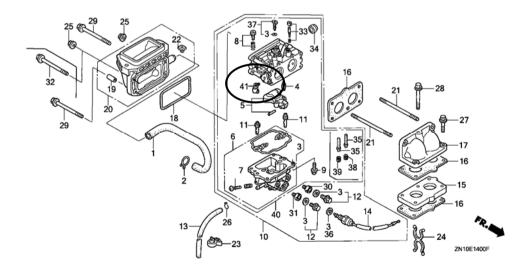
PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE TITLE	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		003

Printed in Japan

	ъ.				Reqd. QTY	
Block No.	Ref.	Note	Part No.	Description	Serial No.	Parts catalogue code
NO.	NO.				GX670 (1) (2)	

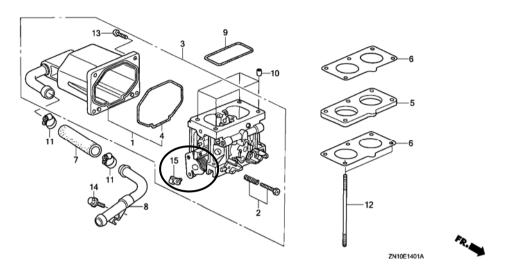
E-14 CARBURETOR (1)



					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
E-14	33	K	16016-ZN1-801	SCREW SET, PILOT	2 -		BAF/A, BDW/A, BXC, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB, TAB/A, TAF/A TAF5/A, TAX1, TAX1/A, TDW/A, TKW, TWF6, TWF6/A, TXA2, TXA2/A TXF/A, TXF2/A, TXF3/A, TXF4/A, TXF5/A, TXF7, TXF7/A, TXF8/A TXF9/A, TXW, TXW/A, VXE1, VXE1/A, VXE2/A, VXE4, VXE4/A
				(CARBURETOR NO.)	2 -	BK01A A	BAF, BDW, BXF, BXF5, BXF9, TAF, TAF5, TDW, TXF, TXF2, TXF3, TXF4 TXF5, TXF8, TXF9
				(CARBURETOR NO.)	2 -	BK01B B	VXE2
	37	K	99204-ZE2-0380	JET SET, PILOT, #38	2 -		TXA2, TXA2/A
		K	99204-ZE2-0400	JET SET, PILOT, #40	2 -		BAF/A, BDW/A, BXC, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB, TAB/A, TAF/A TAF5/A, TAX1, TAX1/A, TDW/A, TKW, TWF6, TWF6/A, TXF/A, TXF2/A TXF3/A, TXF4/A, TXF5/A, TXF7, TXF7/A, TXF8/A, TXF9/A, TXW, TXW/A VXE1, VXE1/A, VXE2/A, VXE4/A
				(CARBURETOR NO.)	2 -	BK01A A	BAF, BDW, BXF, BXF5, BXF9, TAF, TAF5, TDW, TXF, TXF2, TXF3, TXF4 TXF5, TXF8, TXF9
				(CARBURETOR NO.)	2 -	BK01B B	VXE2
	41	D	16126-ZJ1-841	ARM, THROTTLE LINKAGE	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TDW, TDW/A, TKW, TWF6 TWF6/A, TXA2, TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF3/A, TXF4 TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A TXW, TXW/A, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A

	ъ.				Reqd. QTY	
Block No.	Ret. No.	Note	Part No.	Description	Serial No.	Parts catalogue code
NO.	NO.				GX670 (1) (2)	

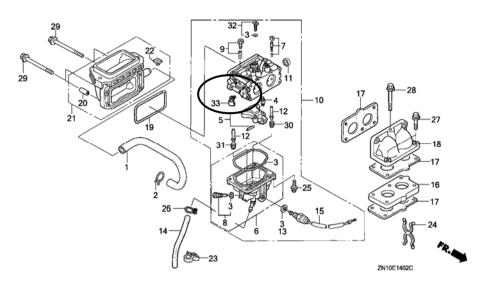
E-14-1 CARBURETOR (2)



E-14-1 15 D 16126-ZJ1-841 ARM, THROTTLE LINKAGE - 1

	ъ.				Reqd. QTY	
Block No.	Ref.	Note	Part No.	Description	Serial No.	Parts catalogue code
NO.	NO.				GX670 (1) (2)	

E-14-2 CARBURETOR (3)



E-14-2	7	K	16016-ZN1-801	SCREW SET, PILOT	2	-	 VAB2, VAB2/A
	32	K	99204-ZE2-0380	JET SET, PILOT, #38	2	-	 VAB2, VAB2/A
	33	D	16126-ZJ1-841	ARM, THROTTLE LINKAGE	1	_	 VAB2, VAB2/A



PARTS CATALOGUE NEWS

Honda Motor Co., Ltd. Service Division

CODE NO.	BOOKLET TYPE	13ZN10E4	
CODE NO.	MICRO- FICHE	13ZN10ED/FD	
PARTS CATALOGUE TITLE	[P	GX670 GX670 ROPANE ENGINE]	
NEWS NO.		004	

Printed in Japan

GX670-TW1 TYPE sales parts information

NOTE: This Parts Catalogue News explains only the parts of the different model that are produced to conform to addition of the GX670-TW1 type.

As for the parts not listed on this Parts Catalogue News, use the parts of the GX670-VAB2 type.

B00KNo.: 13ZN10E4

• Models, parts catalogue codes and applicable serial numbers

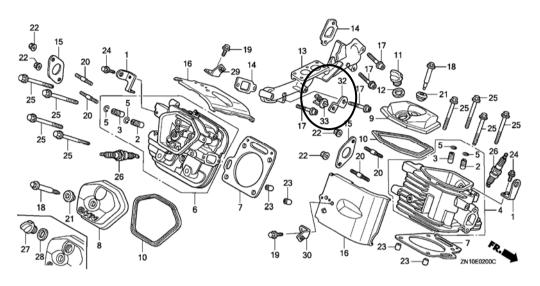
Model	Туре		Parts catalogue type	Applicable engine serial No.	Applicable carburetor identification No.
GX670	VAB2	Base type	VAB2/A	GCAM-1050001~	BK01G A
GAOTO	TW1	Additional type	TW1	30AW-1030001~	BK01C B

• Features of each ty	/pe	Base type	Additional type
	Model	GX	670
Specifications	Туре	VAB2	TW1
	28.575mm Ø Straight		•
Crankshaft	36.5mm Ø Straight		
Cranksnan	5/16" Ø Tapered		
	3/8" Ø Tapered	•	
Air cleaner	Standard	•	•
All cleaner	Snorkel		
Muffler	High-R		
wumer	High-L		•
Oil alert			
Recoil starter			
Oil cooler		•	•
Control box			
Winter kit			

B00KNo.: 13ZN10E4

- DI I	D. C			Reqd. QTY	
Block No.	Ref. No.	Part No.	Description	Base Part No.	Parts catalogue code
				GX670 (1) (2)	

E-2 CYLINDER HEAD

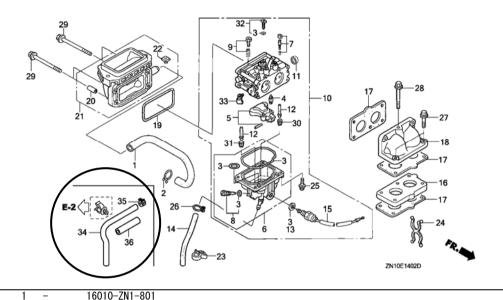


E-2	15 18333-ZJ1-000	GASKET, EX. PIPE	2 -	18333-ZE3-800
	32 32112-735-A10	BRACKET, HARNESS CLIP (A)	1 -	
	33 90601-ZJ1-851	CLIP, TUBE	1 -	
E-3	1 12000-ZN1-407	BARREL ASSY., CYLINDER	1 -	12000-ZN1-405
E-6	1 11300-ZJ1-852	COVER ASSY., CRANKCASE	1 -	11300-ZJ1-842
	11 15655-ZJ1-851	GAUGE COMP., OIL LEVEL	1 -	15655-ZJ1-861

B00KNo.:13ZI	N10E4					
Block No.	Ref. No.	Part No.	Description	Reqd. QTY GX670 (1) (2)	Base Part No.	Parts catalogue code
E-	7	CRANKSHAFT			7 M10 x 1 3/8	25 24UNF2B TAP 90 163.5 2 9.53 92 105.5 2 9.58-18UNF2B TAP 90 163.5 4 5/16-24UNF2B TAP 90 160.5 2 N10E0700C
E-7	1	13310-ZN1-000	CRANKSHAFT COMP	1 -		
	5	90745-ZE2-G00	KEY, 6.3X6.3X63	1 -		
	7		CRANKSHAFT COMP	0 -	13310-ZN1-U40	
	8	90107-751-003	BOLT, FLANGE, 7/16"X28	1 -		
E-12	3	19611-ZJ1-860ZC	COVER, FAN (P. T. O.) *R280*	1 -		
	21		COVER, FAN (RECOIL STARTER) *R280*POWER RED	0 -	19611-ZJ1-850ZC	
	27		PROTECTOR, FAN COVER *R280*POWER RED	0 -	19621-ZJ1-801ZC	

	D 6			Reqd. QTY	
Block	Ref. No.	Part No.	Description	Base Part No.	Parts catalogue code
NO.	NO.			GX670 (1) (2)	

E-14-2 CARBURETOR (3)



E-14-2	3	16010-ZN1-H01	GASKET SET	1	-	16010-ZN1-801
	6	16015-ZN1-H01	CHAMBER SET, FLOAT	1	-	16015-ZN1-801
	8		SCREW SET, DRAIN	0	-	16024-124-760
	10	16100-ZN1-H05	CARBURETOR ASSY. (BK01C B)	1	-	16100-ZN1-U41
	14		TUBE, DRAIN	0	_	16198-ZJ1-840
	26		CLIP, TUBE (B8)	0	_	95002-02080
	30	99101-ZH8-0900	JET, MAIN, #90	(1)	_	99101-ZH8-0880
		99101-ZH8-0950	JET, MAIN, #95	(1)	_	99101-ZH8-0920
		99101-ZH8-1000	JET, MAIN, #100	1	_	99101-ZH8-0980
	31	99101-ZH8-0900	JET, MAIN, #90	(1)	_	99101-ZH8-0920
		99101-ZH8-0950	JET, MAIN, #95	(1)	-	99101-ZH8-0980
		99101-ZH8-1000	JET, MAIN, #100	1	-	99101-ZH8-1020

NOTE A:PART NO. CHANGE D:NEWLY PROVIDED E:PART NO. DELETION K:REQUIRED NO. CORRECTION L:APPLICATION SERIAL NO. CORRECTION T:APPLICATION CORRECTION Z:REMARKS CHANGE

DUUKNO. 13Z				Reqd. QTY		
Block No.	Ref. N o.	Part No.	Description	GX670 (1) (2)	Base Part No.	Parts catalogue code
	32	99204-ZE2-0400	JET SET, PILOT, #40	2 -	99204-ZE2-0380	
	34	95001-45740-50	HOSE, FUEL, 4.5X740 (95001-45001-50M)	1 -		
	35	95002-40850-08	CLAMP, TUBE (D8.5)	1 -		
	36	95003-36010-20	TUBE, VINYL, 11X13X100 (95003-36001-10M)	1 -		
E-15	1	17210-ZJ1-842	ELEMENT COMP., AIR CLEANER	1 -		
	2	17218-ZJ1-840	FILTER, OUTER	1 -		
	3	17219-ZJ1-840	CLIP, AIR CLEANER	4 -		
	4	17220-ZN1-000	CASE COMP., AIR CLEANER	1 -		
	5	17229-ZN1-000	SEAL, AIR CLEANER CASE	1 -		
	6	17230-ZJ1-840	COVER ASSY., AIR CLEANER	1 -		
	7	17233-ZJ1-840	SEAL, AIR CLEANER COVER	1 -		
	8	17234-ZJ1-840	PLATE, AIR CLEANER SETTING	1 -		
	9	17238-ZJ4-830	COLLAR A, AIR CLEANER	2 -		
	10	90003-ZJ1-840	BOLT, SPECIAL, 5MM	2 -		
	11	95701-06028-00	BOLT, FLANGE, 6X28	2 -		
E-16	4		ARRESTER, SPARK	(0) -	18355-ZN1-003	
	5		SCREW, (NELSON)	(0) -	90009-ZJ1-801	
E-16-1	1	18310-ZN1-802	MUFFLER COMP. (HIGH-L)	1 -		
	2	18321-ZN1-003	PROTECTOR, MUFFLER	1 -		
	3	18338-ZJ1-841	STAY, MUFFLER (HIGH)	1 -		
	4		ARRESTER, SPARK	(0) -	18355-ZN1-003	
	5		SCREW, (NELSON)	(0) -	90009-ZJ1-801	
	6	95701-06008-00	BOLT, FLANGE, 6X8	6 –		

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DUNNO. 13Z				Reqd. QTY		
Block No.	Ref. N o.	Part No.	Description	GX670 (1) (2)	Base Part No.	Parts catalogue code
	7	95701-08014-00	BOLT, FLANGE, 8X14	4 -		
	8	95701-08020-00	BOLT, FLANGE, 8X20	4 -		
E-18	1		PUMP ASSY., FUEL	0 -	16700-ZL8-013	
	2		STAY, FUEL PUMP	0 -	16711-ZJ1-840	
	3		TUBE, FUEL	0 -	16851-ZN1-000	
	4		TUBE B, FUEL	0 -	16852-ZJ1-840	
	5		TUBE, DIAPHRAGM	0 -	16882-ZJ1-840	
	6		STRAINER COMP., FUEL	0 -	16910-ZE8-015	
	7		GROMMET, RESERVE TANK	0 -	19111-MF5-000	
	8		BOLT, FLANGE, 6X14(CT200)	0 -	90014-952-000	
	9		CLIP, WIRE HARNESS	0 -	90617-SAO-003	
	10		GROMMET, PUMP STAY	0 -	91601-ZJ1-840	
	11		SCREW-WASHER, 6X16	0 -	93894-06016-00	
	12		CLIP, TUBE (B8)	0 -	95002-02080	
	13		CLIP, TUBE (B10)	0 -	95002-02100	
	14		CLIP, TUBE (B8)	0 -	95002-02080	
	15		CLIP, TUBE (C11)	0 -	95002-70000	
	16		CLIP, TUBE (B10)	0 -	95002-02100	
E-18-1	1	16910-ZE8-015	STRAINER COMP., FUEL	1 -		
	2	17118-ZN1-H00	BRACKET, CLIP	1 -		
	3	17701-ZE7-W00	TUBE, FUEL TANK	1 -		
	4	90617-SA0-003	CLIP, WIRE HARNESS	1 -		
	5	91594-SR3-911	CLAMP, PURGE HOSE	1 -		
	6	95002-02080	CLIP, TUBE (B8)	1 -		

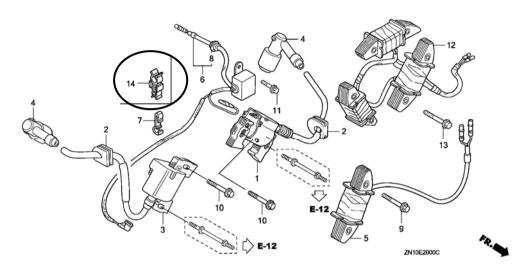
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B00KNo.:13Z	'N10F4			PARTS (CATALOGUE NEWS	
Block No.	Ref. No.	Part No.	Description	Reqd. QTY GX670 (1) (2)	Base Part No.	Parts catalogue code
	7	95002-50000	CLIP, TUBE (C9)	1 -		
	8	95003-25023-20	TUBE, VINYL, 9X11X230 (95003-25001-10M)	1 -		
E-	-19	FLYWHEEL				
	Ref. No. LON 15 214	(Relative ref. Service item 1H3 SHAFT, POWER	F. R. T.	5	2	13 13 14 10 10 10 10 10 10 10 10 10 10 10 10 10

	GRID, SCREEN	0	-	28452-ZJ1-801
	HOLDER, SCREEN GRID	0	-	28454-ZJ1-801
	BOLT, FLANGE, 6X12	0	-	95701-06012-00
	BOLT, FLANGE, 8X16	0	-	95701-08016-00
23311-ZJ1-850	SHAFT, FR. P.T.O. (HS)	1	-	
90111-KT0-670	BOLT, FLANGE, 8X50	3	-	
	23311-ZJ1-850	BOLT, FLANGE, 6X12	HOLDER, SCREEN GRID	HOLDER, SCREEN GRID 0 - BOLT, FLANGE, 6X12 0 - BOLT, FLANGE, 8X16 0 - 23311-ZJ1-850 SHAFT, FR. P.T. 0. (HS) 1 -

	- ·			Reqd. QTY	
Block No.	Ret. No.	Part No.	Description	Base Part No.	Parts catalogue code
	NO.			GX670 (1) (2)	

E-20 IGNITION COIL



E-20	7	CLAMP, CORD	0 -	32763-PA0-000
	14 91403-ZJ1-851	CLIP, HARNESS	1 -	

	N10E4						
Block No.	Ref. No.	Part No.	Description		qd. QTY 670 (2)	Base Part No.	Parts catalogue code
E-	22-1	CONTROL	(2)	<u>(i)</u>	14	29 29 29 25 25 25 25 30 25 25 30 25 25 30 25 25 30 25 25 30 25 25 25 25 25 25 25 25 25 25 25 25 25	28 — 20 — 22 26 — 3 8 9 — 20 — 20 — 21 — 19 — 21 — 16 — 19 — 24 — 24 — 24 — 24 — 24 — 24 — 24 — 2
							7N10E2201C
22-1	2	16500-ZJ1-910	CONTROL ASSY	1	_	16500-ZJ1-861	ZN10E2201C
-22–1	2 8	16500-ZJ1-910	CONTROL ASSY	1 0	<u>-</u> -	16500-ZJ1-861 16576-891-000	ZN10E2201C
-22-1		16500-ZJ1-910					ZN10E2201C
-22–1	8	16500-ZJ1-910	HOLDER, CABLE	0	_	16576-891-000	ZN10E2201C
-22-1	8 11	16500-ZJ1-910	HOLDER, CABLE	0	-	16576-891-000 16594-883-010	ZN10E2201C
-22-1	8 11 18	16500-ZJ1-910	HOLDER, CABLE HOLDER, WIRE CIRCLIP, 5MM	0	- - -	16576-891-000 16594-883-010 90605-230-000	23 ZN10E2201C
-22-1	8 11 18 19	16500-ZJ1-910	HOLDER, CABLE HOLDER, WIRE CIRCLIP, 5MM BOLT, RECESSED, 4X6	0 0 0	- - -	16576-891-000 16594-883-010 90605-230-000 92301-04006-0H	ZN10E2201C
-22-1	8 11 18 19 20	16500-ZJ1-910 16576-891-000	HOLDER, CABLE HOLDER, WIRE CIRCLIP, 5MM BOLT, RECESSED, 4X6 BOLT, RECESSED, 5X16	0 0 0 0	-	16576-891-000 16594-883-010 90605-230-000 92301-04006-0H 92301-05016-0A	ZN10E2201C
E-22-1	8 11 18 19 20 24		HOLDER, CABLE HOLDER, WIRE CIRCLIP, 5MM BOLT, RECESSED, 4X6 BOLT, RECESSED, 5X16 HOLDER, CABLE	0 0 0 0	- - - - -	16576-891-000 16594-883-010 90605-230-000 92301-04006-0H 92301-05016-0A	ZN10E2201C
:-22-1	8 11 18 19 20 24 25	16576-891-000	HOLDER, CABLE HOLDER, WIRE CIRCLIP, 5MM BOLT, RECESSED, 4X6 BOLT, RECESSED, 5X16 HOLDER, CABLE HOLDER, CABLE	0 0 0 0 0 2	- - - - -	16576-891-000 16594-883-010 90605-230-000 92301-04006-0H 92301-05016-0A	ZN10E2201C

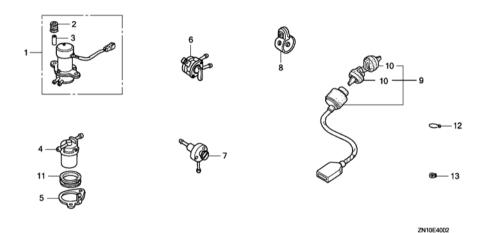
NOTE A:PART NO. CHANGE D:NEWLY PROVIDED E:PART NO. DELETION K:REQUIRED NO. CORRECTION L:APPLICATION SERIAL NO. CORRECTION T:APPLICATION CORRECTION Z:REMARKS CHANGE

BOLT, RECESSED, 5X16

29 92301-05016-0A

				Reqd. QTY		
Block No.	Ref. No.	Part No.	Description	GX670 (1) (2)	Base Part No.	Parts catalogue code
E-23	5		HARNESS ASSY., SUB WIRE	0 -	32105-ZJ1-800	
E-28	2		LABEL, SPECIFICATION (GX670) .	0 -	87152-ZN1-010	
E-29	1	99004-21003	WRENCH, BOX (P21)	1 -		
	2	89219-805-000	HANDLE, BOX WRENCH	1 -		

E-40-2 COMBINATION SWITCH/FUEL PUMP (2)



E-40-2	1	16700-ZA0-971	PUMP ASSY., FUEL (ELECTROMAGNETIC)	1	_
	2	16711-679-000	RUBBER, FUEL PUMP MOUNTING	2	-
	3	16712-657-300	COLLAR, FUEL PUMP DISTANCE	2	-
	4	16900-SA5-004	STRAINER COMP., FUEL (TOYO ROKI)	1	_
	5	16914-ZW1-000	STAY, FUEL STRAINER	1	-
	6	16950-797-A01	COCK ASSY., FUEL	1	-
	7	16980-797-A01	SCREW COMP FUEL DRAIN	1	_

NOTE A:PART NO. CHANGE D:NEWLY PROVIDED E:PART NO. DELETION K:REQUIRED NO. CORRECTION L:APPLICATION SERIAL NO. CORRECTION T:APPLICATION CORRECTION Z:REMARKS CHANGE

B00KNo.: 13ZN10E4

	ъ.			Reqd. QTY		
Block No.	Ref. No.	Part No.	Description		Base Part No.	Parts catalogue code
NO.	NO.			GX670 (1) (2)		
	8	18373-ML0-000	BAND, R. EX. PIPE	1 -		
	9	35100-768-S01	SWITCH ASSY., COMBINATION	1 -		
	10	35110-736-612	KEY ASSY., COMBINATION SWITCH	2 -		
	11	40146-ZV5-000	GROMMET, FUEL STRAINER	1 -		
	12	95002-41050-08	CLAMP, TUBE (D10.5)	5 –		
	13	95002-41200-08	CLAMP, TUBE (D12)	3 -		



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE TITLE	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		005

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
E-28	8	L	87135-ZE2-020	LABEL, E-SPEC (15.5X27.5)	1 -		VXE1
					1 -	1027432	TWF6
					1 -	1054491	TAB/A, TAF5/A, TAX1/A, TKW, TXF3/A, TXF8/A, TXW/A, VXE1/A
					1 -	1017383	TAB, TAF5, TAX1, TXF3, TXF8, TXW
					1 -	1017383 1027432	BXF, TXF
					1 -	1017383 1029791	BXF5, BXF9, TXF4, TXF5, TXF9



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE TITLE	[P	GX670 GX670 ROPANE ENGINE]
NEWS NO.		006

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
- 6	1		11300-ZJ1-842	COVER ASSY., CRANKCASE	1 -	1054661	TKW
					1 -	1050748 1054661	BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAF5/A TAX1/A, TDW/A, TWF6/A, TXA2/A, TXF/A, TXF2/A, TXF3/A, TXF4/A TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VAB2/A, VXE1/A, VXE2/A VXE4/A
					- 1	1010162 1011085	VXC/A, VXC2/A
		A	11300-ZJ1-843		1 -	1054662	BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAF5/A TAX1/A, TDW/A, TKW, TWF6/A, TXA2/A, TXF/A, TXF2/A, TXF3/A, TXF4/A TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VAB2/A, VXE1/A, VXE2/A VXE4/A
					- 1	1011086	VXC/A, VXC2/A
	4		15120-ZJ1-000	COVER ASSY., OIL PUMP (TWO BOLTS)	1 1		BAF, BDW, BXC, BXF, BXF5, BXF9, TAB, TAF, TAF5, TAX1, TDW, TWF6, TW1 TXA2, TXF, TXF2, TXF3, TXF4, TXF5, TXF7, TXF8, TXF9, TXW, VAB2, VXC VXC2, VXE1, VXE2, VXE4
					1 -	1054661	BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAF5/A TAX1/A, TDW/A, TKW, TWF6/A, TXA2/A, TXF/A, TXF2/A, TXF3/A, TXF4/A TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VAB2/A, VXE1/A, VXE2/A VXE4/A

	TIOLI				Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
					- 1	1011085	VXC/A, VXC2/A
		A	15120-ZJ1-010	COVER ASSY., OIL PUMP (THREE BOLTS)	1 -	1054662	BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAF5/A TAX1/A, TDW/A, TKW, TWF6/A, TXA2/A, TXF/A, TXF2/A, TXF3/A, TXF4/I TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VAB2/A, VXE1/A, VXE2/A VXE4/A
					- 1	1011086	VXC/A, VXC2/A
	28	K	96600-06016-00	BOLT, SOCKET, 6X16	2 2		BAF, BDW, BXC, BXF, BXF5, BXF9, TAB, TAF, TAF5, TAX1, TDW, TWF6, TXA TXF, TXF2, TXF3, TXF4, TXF5, TXF7, TXF8, TXF9, TXW, VAB2, VXC, VXC2 VXE1, VXE2, VXE4
					2 -	1054661	BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAF5/A TAX1/A, TDW/A, TKW, TWF6/A, TW1, TXA2/A, TXF/A, TXF2/A, TXF3/A TXF4/A, TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VAB2/A, VXE1/A VXE2/A, VXE4/A
					- 2	1011085	VXC/A, VXC2/A
					3 -	1054662	BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAF5/A TAX1/A, TDW/A, TKW, TWF6/A, TW1, TXA2/A, TXF/A, TXF2/A, TXF3/A TXF4/A, TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VAB2/A, VXE1/A VXE2/A, VXE4/A
					- 3	1011086	VXC/A, VXC2/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

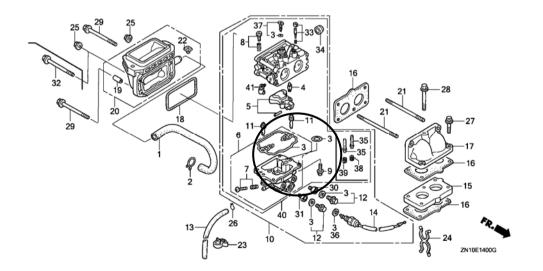
CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE TITLE	[P	GX670 GX670 ROPANE ENGINE]
NEWS NO.		007

Printed in Japan

	ъ.				Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description		Serial No.	Parts catalogue code
					GX670 (1) (2)		

E-14 CARBURETOR (1)

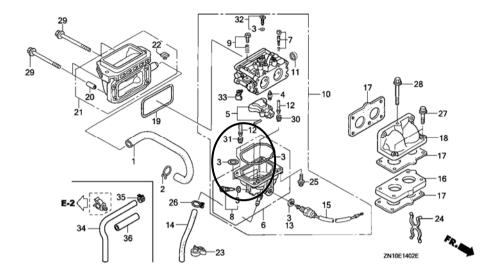
ILLUSTRATION CORRECTED



- D	ъ.				Reqd. QTY	
Block No.	Ret.	Note	Part No.	Description	Serial No.	Parts catalogue code
140.	NO.				GX670 (1) (2)	

E-14-2 CARBURETOR (3)

ILLUSTRATION CORRECTED





Honda Motor Co., Ltd. Service Division

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE TITLE	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		800

Printed in Japan

GX670-TKW1 TYPE sales information

NOTE: This Parts Catalogue News explains only the parts of the different model that are produced to conform to addition of the GX670-TKW1 type.

As for the parts not listed on this Parts Catalogue News, use the parts of the GX670-TKW type.

- Models,parts catalogue codes and applicable serial numbers

Model	Туре		Parts catalogue type	Applicable engine serial No.	Applicable carburetor identification No.	
GX670	TKW	Base type	TKW	GCAM-1050001~	BK01A A	
0,010	TKW1	Additional type	TKW1	30/tivi 10000012	BROTA	

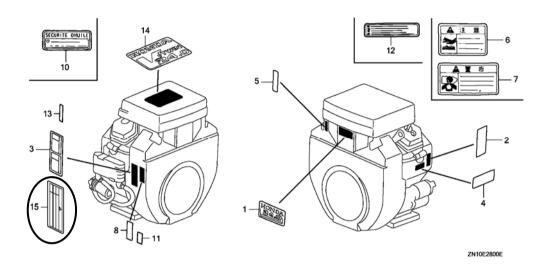
B00KNo.: 13ZN10E4

• Features of eac	h type	Base type	Additional type	
	Model	GX670 (1)		
Specifications	Туре	TKW	TKW1	
	28.575mm Ø Straight	•	•	
Crankshaft	36.5mm Ø Straight			
Orankshait	5/16" Ø Tapered			
	3/8" Ø Tapered			
Air cleaner	Standard	•	•	
All cicarci	Snorkel			
Muffler	High-R	(●)	(●)	
Widille	High-L	(●)	(●)	
Oil alert				
Recoil starter				
Oil cooler		•	•	
Control box		•	•	
Winter kit				

B00KNo.:13ZN10E4

	ъ.			Reqd. QTY	
Block No.	Ref. No.	Part No.	Description	Base Part No.	Parts catalogue code
				GX670 (1) (2)	

E-28 LABEL



E-28 15 87516-ZM7-801 MARK, OPERATOR CAUTION 1 -



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		009

					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
E-3	10		37240-ZG5-004	SWITCH, OIL PRESSURE	1 -	1054710	TKW, TW1
					1 -	1050990	BAF/A, TAF/A, VAB2/A
					1 -	1050990 1054710	TAB/A, TAF5/A, TXF3/A
		Α	35490-Z6D-003	SWITCH ASSY., OIL PRESSURE	1 -	1054711	TAB/A, TAF5/A, TKW, TW1, TXF3/A
					1 -		TKW1
	11		90002-ZG5-004	SCREW-WASHER, 4X8	1 1		BAF, BAF/A, TAB, TAF, TAF/A, TAF5, TXF3, VAB2, VAB2/A, VXC, VXC/A
					1 -	1054710	TAB/A, TAF5/A, TKW, TW1, TXF3/A
		Α	90002-ZW2-F01		1 -	1054711	TAB/A, TAF5/A, TKW, TW1, TXF3/A
					1 -		TKW1



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[P	GX670 GX670 PROPANE ENGINE]
NEWS NO.		010

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
E-3	10	L	37240-ZG3-E01	SWITCH, OIL PRESSURE	1 1		BAF, TAB, TAF, TAF5, TXF3, VAB2, VXC
					1 -	1050989	BAF/A, TAB/A, TAF/A, TAF5/A, TXF3/A, VAB2/A
					- 1	1010161	VXC/A
		T	37240-ZG5-004		1 -	1054710	TKW, TW1
					1 -	1050990	BAF/A, TAF/A, VAB2/A
					1 -	1050990 1054710	TAB/A, TAF5/A, TXF3/A
					- 1	1010162 1011517	VXC/A
		T	35490-Z6D-003	SWITCH ASSY., OIL PRESSURE	1 -		TKW1
					1 -	1054711	TAB/A, TAF5/A, TKW, TW1, TXF3/A
					- 1	1011518	VXC/A
	11	L	90002-ZG5-004	SCREW-WASHER, 4X8	1 1		BAF, BAF/A, TAB, TAF, TAF/A, TAF5, TXF3, VAB2, VAB2/A, VXC
					1 -	1054710	TAB/A, TAF5/A, TKW, TW1, TXF3/A
					- 1	1011517	VXC/A

B00KNo.: 13ZN10E4

	ъ.				Reqd. QTY			
Block No.	Ref. No.	Note	Part No.	Description		Serial No.	Parts catalogue code	
NO.	NO.				GX670 (1) (2)		•	
		T	90002-ZW2-F01		1 -		TKW1	
					1 -	1054711	TAB/A, TAF5/A, TKW, TW1, TXF3/A	
					- 1	1011518	VXC/A	



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		011

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
E-6	1		11300-ZJ1-852	COVER ASSY., CRANKCASE	1 -	1054661	TW1
		Α	11300-ZJ1-853		1 -	1054662	TW1
	4	L	15120-ZJ1-000	COVER ASSY., OIL PUMP (TWO BOLTS)	1 1		BAF, BDW, BXC, BXF, BXF5, BXF9, TAB, TAF, TAF5, TAX1, TDW, TWF6, TXA2 TXF, TXF2, TXF3, TXF4, TXF5, TXF7, TXF8, TXF9, TXW, VAB2, VXC, VXC2 VXE1, VXE2, VXE4
					1 -	1054661	BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAF5/A TAX1/A, TDW/A, TKW, TWF6/A, TW1, TXA2/A, TXF/A, TXF2/A, TXF3/A TXF4/A, TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VAB2/A, VXE1/A VXE2/A, VXE4/A
					- 1	1011085	VXC/A, VXC2/A
		T	15120-ZJ1-010	COVER ASSY., OIL PUMP (THREE BOLTS)	1 -		TKW1
					1 -	1054662	BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAF5/A TAX1/A, TDW/A, TKW, TWF6/A, TW1, TXA2/A, TXF/A, TXF2/A, TXF3/A TXF4/A, TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VAB2/A, VXE1/A VXE2/A, VXE4/A
					- 1	1011086	VXC/A, VXC2/A

B00KNo.: 13ZN10E4

	ъ.				Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description		Serial No.	Parts catalogue code
NO.	NO.				GX670 (1) (2)		
E-14-1	11		19506-KA4-000	CLAMP, WATER HOSE	- 2		VXC, VXC2
					- 2	1011085	VXC/A, VXC2/A
		Α	19505-KS6-700	CLAMP A, WATER HOSE	- 2	1011086	VXC/A, VXC2/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

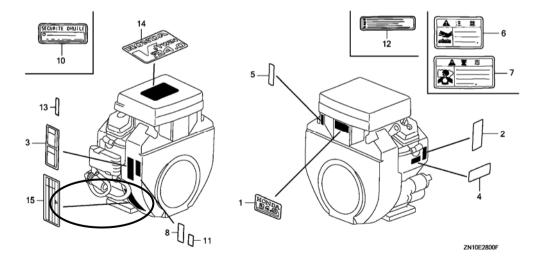
CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		012

Printed in Japan

					Reqd. QTY	
Block No.	Ret.	Note	Part No.	Description	Serial No.	Parts catalogue code
NO.	NO.				GX670 (1) (2)	

E-28 LABEL

ILLUSTRATION CORRECTED





Honda Motor Co., Ltd. Service Division

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[P	GX670 GX670 ROPANE ENGINE]
NEWS NO.		013

Printed in Japan

GX670-TDW1 TYPE sales information

NOTE: This Parts Catalogue News explains only the parts of the different model that are produced to conform to addition of the GX670-TDW1 type.

As for the parts not listed on this Parts Catalogue News, use the parts of the GX670-TDW/A type.

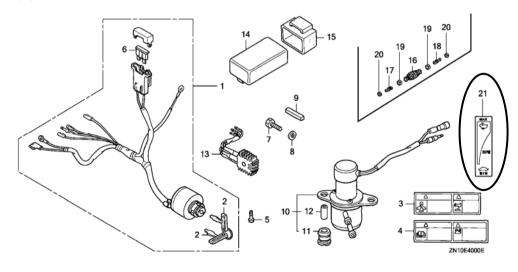
• Models,parts catalogue codes and applicable serial numbers

Model	Туре		Parts catalogue type	Applicable engine serial No.	Applicable carburetor identification No.
GX670	TDW	Base type	TDW/A	GCAM-1050001~ 9999999	BK01A A
0,010	TDW1	Additional type	TDW1	GCAM-1050001~	BIOTA A

• Features of ea	ch type	Base type	Additional type	
	Model		GX670	
Specifications	Туре	TDW	TDW1	
	28.575mm Ø Straight	•	•	
Crankshaft	36.5mm Ø Straight			
Clarikstiait	5/16" Ø Tapered			
	3/8" Ø Tapered			
Air cleaner	Standard	•	•	
All cleaner	Snorkel			
Muffler	High-R	(●)	(●)	
ividille	High-L	(●)	(●)	
Oil alert				
Recoil starter				
Oil cooler		•	•	
Control box				
Winter kit				

	ъ.			Reqd. QTY		
Block No.	Ref. No.	Part No.	Description	GX670 (1) (2)	Base Part No.	Parts catalogue code
E-12	3		COVER, FAN *NH1*BLACK	0 -	19611-ZJ1-840ZA	
E-18	17	95003-25015-20	TUBE, VINYL, 9X11X150 (95003-25001-10M)	1 -		
E-28	3		MARK, OPERATOR CAUTION	0 -	87516-YF3-660	
	5		MARK, THROTTLE INDICATION	0 -	87532-ZJ1-840	
	11	87114-ZH7-000	LABEL, WARNING (NOT CERTIFIED FOR SALE)	1 -		
	12		LABEL, CAUTION (ENGLISH, ETC.)	0 -	87522-ZH9-010	
	15	87516-ZM7-801	MARK, OPERATOR CAUTION	1 -		

E-40 COMBINATION SWITCH/FUEL PUMP (1)





HONDA PARTS CATALOGUE NEWS

Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

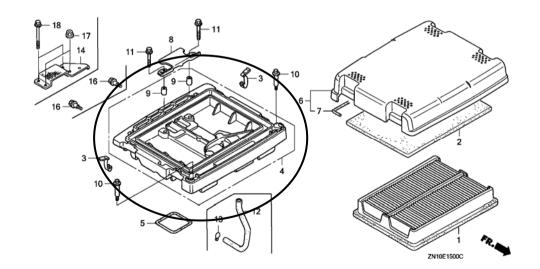
CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[P	GX670 GX670 ROPANE ENGINE]
NEWS NO.		014

Printed in Japan

	ъ.				Reqd. QTY	
Block No.	Ref. No.	Note	Part No.	Description	Serial No.	Parts catalogue code
140.	110.				GX670 (1) (2)	

E-15 AIR CLEANER (STANDARD)

ILLUSTRATION CORRECTED





Honda Motor Co., Ltd. Service Division

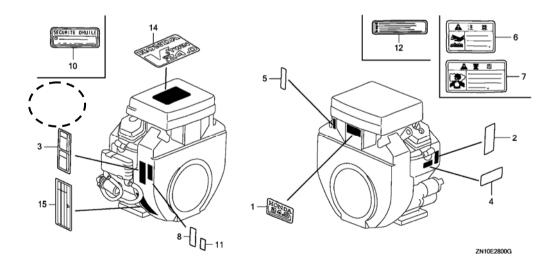
PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		015

Printed in Japan

	ъ.				Reqd. QTY	
Block No.	Ret. No.	Note	Part No.	Description	Serial No.	Parts catalogue code
	110.				GX670 (1) (2)	

E-28 LABEL



E-28 13 E 87637-ZM3-800 *PARTS NO. DELETION



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		016

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
E-14	10		16100-ZN1-801	CARBURETOR ASSY. (BK01A A)	GX670 (1) (2) 1 -		BAF/A, BDW/A, BXF/A, BXF5/A, BXF9/A, TAB, TAB/A, TAF/A, TDW/A TWF6, TWF6/A, TXF/A, TXF2/A, TXF4/A, TXF5/A, TXF7, TXF7/A, TXF8/A TXF9/A, TXW, TXW/A
					1 -	1055088	TAF5/A, TDW1, TKW, TKW1, TXF3/A
					1 -	1007246	BAF, BDW, BXF, BXF5, BXF9, TAF, TAF5, TDW, TXF, TXF2, TXF3, TXF4 TXF5, TXF8, TXF9
		Α	16100-ZN1-802	CARBURETOR ASSY. (BK01A B)	1 -	1055089	TAF5/A, TDW1, TKW, TKW1, TXF3/A



Honda Motor Co., Ltd. Service Division

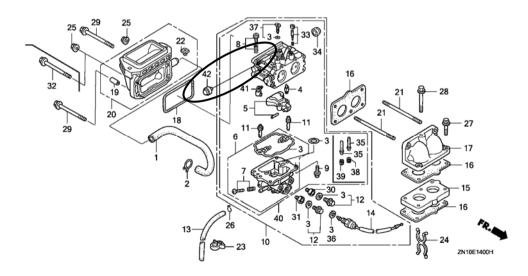
PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		017

Printed in Japan

	ъ.				Reqd. QTY	
Block No.	Ref. No.	Note	Part No.	Description	Serial No.	Parts catalogue code
	110.				GX670 (1) (2)	

E-14 CARBURETOR (1)



E-14 42 D 16140-ZN1-004 FILTER ASSY., AIR VENT (1) - 1055089 ------ TAF5/A, TDW1, TKW, TKW1, TXF3/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		018

					Reqd. QTY		
Block No.	Ref. N o.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
E-14	10		16100-ZN1-U01	CARBURETOR ASSY. (BK01E A)	1 -		BXC
					1 -	1055099	BXC/A
		Α	16100-ZN1-U02	CARBURETOR ASSY. (BK01E B)	1 -	1055100	BXC/A
	42	T	16140-ZN1-004	FILTER ASSY., AIR VENT	(1) -	1055089	TAF5/A, TDW1, TKW, TKW1, TXF3/A
					(1) -	1055100	BXC/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		019

					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	07070	Serial No.	Parts catalogue code
					GX670 (1) (2)		
E-21	12	Е	31216-ZJ1-H01	*PARTS NO. DELETION			
		D	31218-P64-N01	YOKE COMP	1 1		



Honda Motor Co., Ltd. Service Division

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		020

Printed in Japan

GX670-VAY TYPE sales information

NOTE: This Parts Catalogue News explains only the parts of the different model that are produced to conform to addition of the GX670-VAY type.

As for the parts not listed on this Parts Catalogue News, use the parts of the GX670-TKW type.

• Models, parts catalogue codes and applicable serial numbers

Model	Туре		Parts catalogue type	Applicable engine serial No.	Applicable carburetor identification No.
GX670	TKW	Base type	TKW	GCAM-1050001~	BK01A A/B
GAUTU	VAY	Additional type	VAY	GCAIVI-1030001~	BK01A B

• Features of each	type	Base type Additional type		
	Model	GX670 (1)		
Specifications	Туре	TKW	VAY	
	28.575mm Ø Straight	•		
Crankshaft	36.5mm Ø Straight			
Clariksriait	5/16" Ø Tapered		•	
	3/8" Ø Tapered			
Air cleaner	Standard	•	•	
All cleaner	Snokel			
Muffler	High-R	(●)	(●)	
ividilei	High-L	(●)	(●)	
Oil alert				
Recoil starter				
Oil cooler		•	•	
Control box		•	•	
Winter kit				

B00KNo.: 13ZN10E4

				Reqd. QTY		
Block No.	Ref. No.	Part No.	Description	GX670 (1) (2)	Base Part No.	Parts catalogue code
- 7	1		CRANKSHAFT COMP	0 -	13310-ZN1-000	
	4	13310-ZN1-810	CRANKSHAFT COMP	1 -		
E-19	5	31110-ZJ1-840	FLYWHEEL COMP	1 -	31110-ZJ1-850	
E-20	5		COIL ASSY., CHARGE (12V/3A)	0 -	31630-ZJ1-003	
	9		BOLT, FLANGE, 6X35 (CT200)	0 -	90014-ZE6-000	
	12	31630-ZJ1-801	COIL ASSY., CHARGE (12V/20A) .	1 -		
	13	90031-ZE1-000	BOLT, FLANGE, 6X32	6 –		
E-23	3	31620-ZG5-013	RECTIFIER ASSY., REGULATOR (20A)	1 -		
	5	32105-ZJ1-800	HARNESS ASSY., SUB WIRE	1 -		
	25		RECTIFIER ASSY	0 -	31710-ZJ1-811	
	26		BOLT, FLANGE, 6X32	0 -	95701-06032-00	
E-28	2		LABEL, SPECIFICATION (GX670)	0 -	87152-ZN1-010	
	14		MARK, EMBLEM	0 -	87101-ZN1-U50	
-29	3		WRENCH, PLUG	0 -	89216-ZB4-000	



Honda Motor Co., Ltd. Service Division

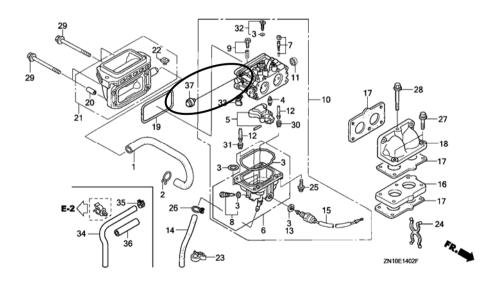
PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[P	GX670 GX670 ROPANE ENGINE]
NEWS NO.		021

Printed in Japan

					Reqd. QTY	
Block No.	Ref. No.	Note	Part No.	Description	Serial No.	Parts catalogue code
NO.	NO.				GX670 (1) (2)	

E-14-2 CARBURETOR (3)



E-14-2 10 16100-ZN1-H05 CARBURETOR ASSY. (BK01C B) . . . 1 - ------ 1055161 TW1

DOUNIO 1321					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
		A	16100-ZN1-H06	CARBURETOR ASSY. (BK01C C)	1 -	1055162	TW1
	30	L	99101-ZH8-0950	JET, MAIN, #95 (CARBURETOR NO.)	(1) -	BK01C C	TW1
		L	99101-ZH8-1000	JET, MAIN, #100 (CARBURETOR NO.)	1 -	BK01C C	TW1
		D	99101-ZH8-0850	JET, MAIN, #85 (CARBURETOR NO.)	(1) -	BK01H A	TW1
		D	99101-ZH8-0950	JET, MAIN, #95 (CARBURETOR NO.)	1 -	BK01H A	TW1
	31	T	99101-ZH8-0920	JET, MAIN, #92	(1) -		VAB2, VAB2/A
				(CARBURETOR NO.)	(1) -	BK01H A	TW1
		T	99101-ZH8-0980	JET, MAIN, #98 (CARBURETOR NO.)	1 -	BK01H A	TW1
					(1) -		VAB2, VAB2/A
		D	99101-ZH8-0880	JET. MAIN. #88 (CARBURETOR NO.)	(1) -	BK01H A	TW1
		L	99101-ZH8-0900	JET, MAIN, #90 (CARBURETOR NO.)	(1) -	BK01C C	TW1
		L	99101-ZH8-0950	JET, MAIN, #95 (CARBURETOR NO.)	(1) -	BK01C C	TW1
		L	99101-ZH8-1000	JET, MAIN, #100 (CARBURETOR NO.)	1 -	BK01C C	TW1
	32	T	99204-ZE2-0380	JET SET, PILOT, #38	2 -		VAB2, VAB2/A
				(CARBURETOR NO.)	2 -	BK01H A	TW1
		L	99204-ZE2-0400	JET SET, PILOT, #40 (CARBURETOR NO.)	2 -	BK01C C	TW1
	37	D	16140-ZN1-004	FILTER ASSY., AIR VENT	(1) -	1055162	TW1



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		022

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
E-14	40		16100-ZN1-941	CARBURETOR ASSY. (BK01F A)	1 -		TAX1
					1 -	1055276	TAX1/A
		Α	16100-ZN1-942	CARBURETOR ASSY. (BKO1F B)	1 -	1055277	TAX1/A
	42	T	16140-ZN1-004	FILTER ASSY., AIR VENT	(1) -		VAY
					(1) -	1055089	TAF5/A, TDW1, TKW, TKW1, TXF3/A
					(1) -	1055100	BXC/A
					(1) -	1055277	TAX1/A
E-14-2	10		16100-ZN1-H06	CARBURETOR ASSY. (BK01C C)	1 -	1055162 1055178	TW1
		Α	16100-ZN1-V31	CARBURETOR ASSY. (BK01H A)	1 -	1055179	TW1
E-15	1	L	17210-ZJ1-842	ELEMENT COMP., AIR CLEANER	1 -		BAF/A, BDW/A, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAF5/A TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF/A, TXF2/A, TXF3/A TXF4/A, TXF5/A, TXF7, TXF7/A, TXF8/A, TXF9/A, TXW, TXW/A, VAY VXE1, VXE1/A, VXE2/A, VXE4/A
					1 -	1055178	TW1

BOOKNo : 137N10F4

lock No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial N o.	Parts catalogue code
NO.	NO.				GX670 (1) (2)		
					1 -	1011625	BAF, BDW, BXC, BXF, BXF5, BXF9, TAB, TAF, TAF5, TDW, TXF, TXF2, TXF5 TXF4, TXF5, TXF8, TXF9, VXE2
	2	L	17218-ZJ1-840	FILTER, OUTER	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF5 BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TDW, TDW/A, TDW1, TI TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF3/A, TXF4 TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1055178	TW1
					- 1		
	3	L	17219-ZJ1-840	CLIP, AIR CLEANER	4 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/VXE4, VXE4/A
					4 -	1055178	TW1
					- 4		
	4	L	17220-ZN1-000	CASE COMP., AIR CLEANER	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/VXE4, VXE4/A
					1 -	1055178	TW1
	5	L	17229-ZN1-000	SEAL, AIR CLEANER CASE	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF8/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/VXE4, VXE4/A
					1 -	1055178	TW1
	6	L	17230-ZJ1-840	COVER ASSY., AIR CLEANER	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF8/A, TAB, TAB/A, TAF, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/VXE4, VXE4/A

BOOKNo : 137N10F4

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
110.	110.				GX670 (1) (2)		
					1 -	1055178	TW1
	7	L	17233-ZJ1-840	SEAL, AIR CLEANER COVER	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/ VXE4, VXE4/A
					1 -	1055178	TW1
					- 1		
	8	L	17234-ZJ1-840	PLATE, AIR CLEANER SETTING	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/VXE4, VXE4/A
					1 -	1055178	TW1
	9	L	17238-ZJ4-830	COLLAR A, AIR CLEANER	2 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/ VXE4, VXE4/A
					2 -	1055178	TW1
					- 4		
	10	L	90003-ZJ1-840	BOLT, SPECIAL, 5MM	2 -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/ VXE4, VXE4/A
					2 -	1055178	TW1
					- 2		

DUUNNO 1321					Reqd. QTY		
Block No.	Ref. N o.	Note	Part No.	Description	GX670	Serial No.	Parts catalogue code
	11	L	95701-06028-00	BOLT, FLANGE, 6X28	(1) (2) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/A VXE4, VXE4/A
					2 -	1055178	TW1
E-15-1	1	T	17207-ZJ1-840	RUBBER, AIR CLEANER HOLDER UPPER	2 -		TXA2, TXA2/A
					2 -	1055179	TW1
	2	T	17208-ZJ1-840	HOLDER COMP., AIR CLEANER UPPER	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	3	T	17209-ZJ1-840	HOLDER COMP., AIR CLEANER LOWER	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	4	T	17210-759-013	ELEMENT COMP., AIR CLEANER	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	5	T	17220-ZJ1-850	CASE COMP., AIR CLEANER (SNORKEL)	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	8	Ţ	17230-759-003	COVER COMP., AIR CLEANER	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	9	T	17232-891-000	GROMMET, AIR CLEANER	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	10	T	17238-ZJ4-830	COLLAR A, AIR CLEANER	2 -		TXA2, TXA2/A
					2 -	1055179	TW1
	11	T	17251-ZJ1-850	TUBE, AIR CLEANER CONNECTING .	1 -		TXA2, TXA2/A
					1 -	1055179	TW1

NOTE A:PART NO. CHANGE D:NEWLY PROVIDED E:PART NO. DELETION K:REQUIRED NO. CORRECTION L:APPLICATION SERIAL NO. CORRECTION T:APPLICATION CORRECTION Z:REMARKS CHANGE

Block	Ref.	Note	Daut Na	Decemination	Reqd. QTY	Camial Na	Davita aatalamia aada
No.	No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
	12	T	17253-759-003	SEAL, AIR CLEANER	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	13	T	17320-ZG5-801	CAP COMP., IN	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	14	T	17330-ZG5-801	CLAMP ASSY	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	15	T	17418-ZN1-000	JOINT B, CONNECTING TUBE	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	18	T	90113-759-003	BOLT, AIR CLEANER	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	19	T	90203-ZA0-800	NUT, WING, 6MM (BLACK)	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	20	T	90502-759-003	WASHER, AIR CLEANER	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	21	T	95018-52250	BAND, AIR CLEANER CONNECTING TUBE (52)	1 -		TXA2/A
				TUDE (32)	1 -	1010526	
						1019536	TXA2 TW1
	00	т.	05010 50050	DAND ALD OLFANED CONNECTING	1 -	1055179	IWI
	22	T	95018-58250	BAND, AIR CLEANER CONNECTING TUBE (58)	1 -		TXA2, TXA2/A
					1 -	1055179	TW1
	25	T	95701-06028-00	BOLT, FLANGE, 6X28	2 -		TXA2, TXA2/A
					2 -	1055179	TW1
	27	T	17229-ZN1-000	SEAL, AIR CLEANER CASE	1 -		TXA2, TXA2/A
					1 -	1055179	TW1

JONNO 132					Reqd. Q	TY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Seria	al No.	Parts catalogue code
E-19	2	T	19513-ZJ1-000	PLATE, COOLING FAN SETTING	1 -			BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TDW, TDW/A, TDW1, TKW1, TKW1, TWF6, TWF6/A, TXA2, TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3 TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8, TXF8/A TXF9, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/A, VXE4 VXE4/A
					1 -	1055179		TW1
					- 1			
	10	T	95701-08016-00	BOLT, FLANGE, 8X16	3 -			BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAB, TAB/A, TAF, TAF/A, TAF5, TAF5/A, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXA2, TXA2/A, TXF, TXF/A TXF2, TXF2/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7 TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VAY VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					3 -	1055179		TW1
					- 3			
	15	L	23311-ZJ1-850	SHAFT, FR. P.T.O. (HS)	1 -		1055178	TW1
	16	L	90111-KT0-670	BOLT, FLANGE, 8X50	3 -		1055178	TW1



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		023

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY 6X670 (1) (2)	Serial No.	Parts catalogue code
E-23	3		31620-ZG5-013	RECTIFIER ASSY., REGULATOR (20A)	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF4/A, TXF5, TXF5/A TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW/A, VAB2, VAB2/A, VXE1 VXE1/A
					1 -	1055308	BXC/A, TAF5/A, TDW1, TW1, VAY
		A	31620-ZG5-023		1 -	1055309	BXC/A, TAF5/A, TDW1, TW1, VAY

B00KNo.:1	3ZN10E4								
Block No.	Ref. No.	Note	Part No.	Description	Req GX6 (1)	d. QTY 70 (2)		al No.	Parts catalogue code
	E-28	LA	ABEL	3—————————————————————————————————————			8-111	16 5	ZN10E2800H
E-28	1	L	87101-ZN1-010	EMBLEM (24.0)	1 1	_ _ _	 1015119	1055364	BAF/A, BDW/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAX1, TDW/A TWF6, TWF6/A, TXA2/A, TXF/A, TXF2/A, TXF4/A, TXF5/A, TXF7, TXF7/A TXF8/A, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VAY, VXE1, VXE1/A VXE2/A, VXE4, VXE4/A TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A BAF, BDW, BXF, BXF5, BXF9, TAB, TAF, TAF5, TDW, TXA2, TXF, TXF2, TXF3 TXF4, TXF5, TXF8, TXF9, VXE2
	14	L	87101-ZN1-U50	MARK, EMBLEM (24.0)	1	-		1055364	TKW, TKW1
	16	D	87101-ZN1-U51	MARK, EMBLEM (GX670)	1	-	1055365		TKW, TKW1
	17	D	87101-ZN1-020	EMBLEM (GX670)	1	-	1055365		TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		024

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
E-20	1		30500-ZJ1-844	COIL ASSY., IGNITION	1 1		BAF/A, BDW/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TDW/A, TWF6/A TXA2/A, TXF/A, TXF2/A, TXF4/A, TXF5/A, TXF7/A, TXF8/A, TXF9/A TXW/A, VAB2/A, VXC/A, VXC2/A, VXE1/A, VXE2/A, VXE4/A
					1 -	1055357	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					1 -	1038634	BAF, BDW, BXC, BXF, BXF5, BXF9, TAB, TAF, TAF5, TAX1, TDW, TWF6, TXA2 TXF, TXF2, TXF3, TXF4, TXF5, TXF7, TXF8, TXF9, TXW, VAB2, VXE1, VXE2 VXE4
					- 1	1005666	VXC, VXC2
		Α	30500-ZJ1-845		1 -	1055358	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
	3		30550-ZJ1-844	COIL ASSY., IGNITION	1 1		BAF/A, BDW/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TDW/A, TWF6/A TXA2/A, TXF/A, TXF2/A, TXF4/A, TXF5/A, TXF7/A, TXF8/A, TXF9/A TXW/A, VAB2/A, VXC/A, VXC2/A, VXE1/A, VXE2/A, VXE4/A
					1 -	1055357	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					1 -	1038634	BAF, BDW, BXC, BXF, BXF5, BXF9, TAB, TAF, TAF5, TAX1, TDW, TWF6, TXA2 TXF, TXF2, TXF3, TXF4, TXF5, TXF7, TXF8, TXF9, TXW, VAB2, VXE1, VXE2 VXE4
					- 1	1005666	VXC, VXC2

B00KNo.:13ZN10E4

Block	Ref.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
No.	No.	11020	Ture no.	Description	GX670 (1) (2)	oor far no.	Tures sucurogue sous
		Α	30550-ZJ1-845		1 -	1055358	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
	5		31630-ZJ1-003	COIL ASSY., CHARGE (12V/3A)	1 -		TAX1, TXF3, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1055357	TAX1/A, TKW, TKW1, TXF3/A
					- 1		
		Α	31630-ZJ1-013		1 -	1055358	TAX1/A, TKW, TKW1, TXF3/A
	12		31630-ZJ1-801	COIL ASSY., CHARGE (12V/20A) .	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7 TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VXE1 VXE1/A
					1 -	1055358	BXC/A, TAF5/A, TDW1, TW1, VAY
		Α	31630-ZJ1-802		1 -	1055359	BXC/A, TAF5/A, TDW1, TW1, VAY
E-21	3		31200-ZJ1-841	MOTOR ASSY., STARTER	1 1		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1055418	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 1	1014872	VXC/A, VXC2/A
		Α	31200-ZJ1-842		1 -	1055419	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 1	1014873	VXC/A, VXC2/A
	5		31204-ZJ1-H01	SWITCH ASSY., MAGNET	1 1		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1055418	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 1	1014872	VXC/A, VXC2/A
		Α	31204-ZJ1-H02		1 -	1055419	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 1	1014873	VXC/A, VXC2/A
					'	1014070	17.0/ A, 17.02/ A

					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial N o.	Parts catalogue code
	17		31234-ZJ1-H01	COVER, TERMINAL	1 1		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1055418	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 1	1014872	VXC/A, VXC2/A
		Α	31234-ZJ1-H02		1 -	1055419	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 1	1014873	VXC/A, VXC2/A
-23	25		31710-ZJ1-811	RECTIFIER ASSY	1 -		TAX1, TXF3, VXE2, VXE2/A
					1 -	1055385	TAX1/A, TKW, TKW1, TXF3/A
		Α	31710-ZJ1-812		1 -	1055386	TAX1/A, TKW, TKW1, TXF3/A
E-40	13		31710-ZJ1-811	RECTIFIER ASSY	- 1		VXC2
					- 1	1014872	VXC2/A
		Α	31710-ZJ1-812		- 1	1014873	VXC2/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		025

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
E-20	6		31740-ZJ1-861	DIODE ASSY., ENGINE STOP	1 -		BAF/A, BDW/A, BXC, BXF/A, BXF5/A, TAB, TAB/A, TAF/A, TAX1, TDW/A TWF6, TWF6/A, TXA2, TXA2/A, TXF/A, TXF2/A, TXF4/A, TXF5/A, TXF7 TXF7/A, TXF8/A, TXW, TXW/A, VAB2, VAB2/A, VXE1, VXE1/A, VXE2/A VXE4, VXE4/A
					1 -	1055418	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					1 -	1008086	BAF, BDW, BXF, BXF5, TAF, TAF5, TDW, TXF, TXF2, TXF3, TXF4, TXF5 TXF8, VXE2
		Α	31740-ZJ1-862		1 -	1055419	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[P	GX670 GX670 PROPANE ENGINE]
NEWS NO.		026

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
E-12	9		34150-ZJ1-842	ALERT UNIT, OIL	1 -		BXC/A, BXF/A, BXF5/A, BXF9/A, TWF6/A, TXA2/A, TXF/A, TXF2/A TXF3/A, TXF4/A, TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VXE1/A VXE2/A, VXE4/A
					1 -	1038699	BXC, BXF, BXF5, BXF9, TWF6, TXA2, TXF, TXF2, TXF3, TXF4, TXF5, TXF7 TXF8, TXF9, TXW, VXE1, VXE2, VXE4
					- 1	1015208	VXC2/A
					- 1	1005666	VXC2
		A	34150-ZJ1-843		- 1	1015209	VXC2/A
E-20	5	L	31630-ZJ1-003	COIL ASSY., CHARGE (12V/3A)	1 1		TAX1, TXF3, VXC, VXC2, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1055357	TAX1/A, TKW, TKW1, TXF3/A
					- 1	1015208	VXC/A, VXC2/A
		T	31630-ZJ1-013		1 -	1055358	TAX1/A, TKW, TKW1, TXF3/A
					- 1	1015209	VXC/A, VXC2/A

					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670	Serial No.	Parts catalogue code
					(1) (2)		
E-28	1	L	87101-ZN1-010	EMBLEM (24.0)	1 -		BAF/A, BDW/A, BXF/A, BXF5/A, BXF9/A, TAB/A, TAF/A, TAX1, TDW/A TWF6, TWF6/A, TXA2/A, TXF/A, TXF2/A, TXF4/A, TXF5/A, TXF7, TXF7/A TXF8/A, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VXE1, VXE1/A, VXE2/A VXE4, VXE4/A
					1 -	1055364	TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					1 -	1015119	BAF, BDW, BXF, BXF5, BXF9, TAB, TAF, TAF5, TDW, TXA2, TXF, TXF2, TXF3 TXF4, TXF5, TXF8, TXF9, VXE2
	17	T	87101-ZN1-020	EMBLEM (GX670)	1 -	1055365	TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[P	GX670 GX670 PROPANE ENGINE]
NEWS NO.		027

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
E-3	9		35480-ZJ1-841	SWITCH ASSY., OIL LEVEL	1 1		BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A, TWF6, TWF6/A TXA2, TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF3/A, TXF4, TXF4/A TXF5, TXF5/A, TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					- 1	1015208	VXC2/A
		Α	35480-ZJ1-842		- 1	1015209	VXC2/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

	DOOKLET.	
CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		028

Dlask	D-f				Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial N o.	Parts catalogue code
E-40	1		35100-ZJ1-841	SWITCH ASSY., COMBINATION	1 -		TAB, TAB/A, TAF5
					1 -	1055441	TAF5/A
		Α	35100-ZJ1-842		1 -	1055442	TAF5/A



Honda Motor Co., Ltd. Service Division

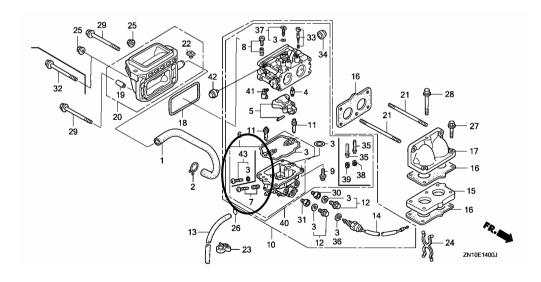
PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[GX670 GX670 PROPANE ENGINE]
NEWS NO.		029

Printed in Japan

	ъ.				Reqd. QTY	
Block No.	Ret. No.	Note	Part No.	Description	Serial No.	Parts catalogue code
	110.			(GX670 () (2)	

E-14 CARBURETOR (1)

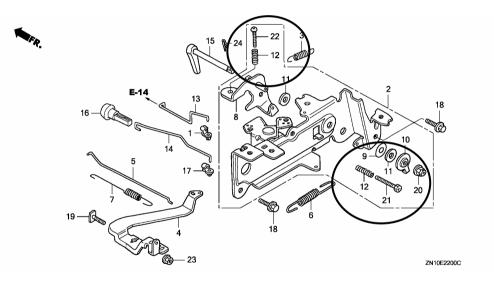


E-14 7 E 16024-124-760 *PARTS NO. DELETION

Block	Ref.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
No.	No.	Note	Ture No.	DOSOT TPETOIT	GX670 (1) (2)	oci iai no.	Tarte Saturogae Sode
	43	D	16024-124-760	SCREW SET, DRAIN	1 -		BAF/A, BDW/A, BXC, BXC/A, BXF/A, BXF5/A, BXF9/A, TAB, TAB/A, TAF/A TAF5/A, TAX1, TAX1/A, TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXA2 TXA2/A, TXF/A, TXF2/A, TXF3/A, TXF4/A, TXF5/A, TXF7, TXF7/A TXF8/A, TXF9/A, TXW, TXW/A, VAY, VXE1, VXE1/A, VXE2/A, VXE4, VXE4/A
				(CARBURETOR NO.)	1 -	BK01A A	BAF, BDW, BXF, BXF5, BXF9, TAF, TAF5, TDW, TXF, TXF2, TXF3, TXF4 TXF5, TXF8, TXF9
				(CARBURETOR NO.)	1 -	BK01B B	VXE2

E-22 CONTROL (1)

ILLUSTRATION CORRECTED





Honda Motor Co., Ltd. Service Division

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		030

Printed in Japan

GX670-TXW1 type sales information

NOTE: This Parts Catalogue News explains only the parts of the different model that are produced to conform to addition of the GX670-TXW1 type.

As for the parts not listed on this Parts Catalogue News, use the parts of the GX670-TXW/A type.

• Models, parts catalogue codes and applicable serial numbers

Model	Туре		Parts catalogue type	Applicable engine serial No.	Applicable carburetor identification No.
GX670	GX670 (1) TXW Base type TXW/A TXW1 Additional type TXW1		TXW/A	GCAM-1050001~ 9999999	BK01A A
(1)			TXW1	GCAM-1050001~	BK01A B

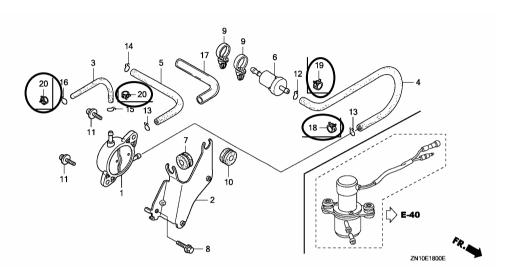
• Features of each	type	Base type	Additional type
	Model	GX670 (1)	
Specifications	Туре	TXW	TXW1
	28.575mm Ø Straight	•	•
Crankahaff	36.5mm Ø Straight		
Crankshaft	5/16" Ø Tapered		
	3/8" Ø Tapered		
	Standard	•	•
Air cleaner	Snorkel		
NA v CCI o v	High-R	(●)	(●)
Muffler	High-L	(●)	•
Oil alert		•	•
Recoil starter			
Oil cooler		•	•
Control box		•	•
Winter kit			

DOURNO 1021				Requ	d. QTY		
Block No.	Ref. No.	Part No.	Description	GX67 (1)	(2)	Base Part No.	Parts catalogue code
E-3	1	12000-ZN1-416	BARREL ASSY., CYLINDER	1		12000-ZN1-406	
	9	35480-ZJ1-842	SWITCH ASSY., OIL LEVEL	1	-	35480-ZJ1-841	
E-8	1	13010-Z5H-004	RING SET, PISTON (STD.)	2	-	13010-ZJ1-841	
		13011-Z5H-004	(TEIKOKU) RING SET, PISTON (0.25) (TEIKOKU)	(2)	-	13011-ZJ1-841	
		13012-Z5H-004	RING SET, PISTON (0.50) (TEIKOKU)	(2)	-	13012-ZJ1-841	
		13013-Z5H-004	RING SET, PISTON (0.75) (TEIKOKU)	(2)	-	13013-ZJ1-841	
	2	13101-ZN1-010	PISTON (STD.)	2	-	13101-ZN1-000	
		13102-ZN1-010	PISTON (0.25)	(2)	-	13102-ZN1-000	
		13103-ZN1-010	PISTON (0.50)	(2)	-	13103-ZN1-000	
		13104-ZN1-010	PISTON (0.75)	(2)	-	13104-ZN1-000	
E-9	10	14730-ZJ1-842	LIFTER ASSY., VALVE	1	_	14730-ZJ1-841	
E-12	3	19611-ZJ1-840ZA	COVER, FAN *NH1*BLACK	1	_		
	9	34150-ZJ1-843	ALERT UNIT, OIL	1	-	34150-ZJ1-842	
E-14	10	16100-ZN1-802	CARBURETOR ASSY. (BK01A B)	1	-	16100-ZN1-801	
	42	16140-ZN1-004	FILTER ASSY., AIR VENT	(1)	-		
E-16-1	1	18310-ZN1-802	MUFFLER COMP. (HIGH-L)	1	-	18310-ZN1-802	
	2	18321-ZN1-003	PROTECTOR, MUFFLER	1	-	18321-ZN1-003	
	3	18338-ZJ1-841	STAY, MUFFLER (HIGH)	1	-	18338-ZJ1-841	
	6	95701-06008-00	BOLT, FLANGE, 6X8	6	-	95701-06008-00	
	7	95701-08014-00	BOLT, FLANGE, 8X14	4	-	95701-08014-00	
	8	95701-08020-00	BOLT, FLANGE, 8X20	4	-	95701-08020-00	

B00KNo.:13ZN10E4

	D (Reqd. QTY		
Block No.	Ref.	Part No.	Description	Base Part No.	Parts catalogue code	
NO.	NO.			GX670 (1) (2)		

E-18 FUEL PUMP (1)



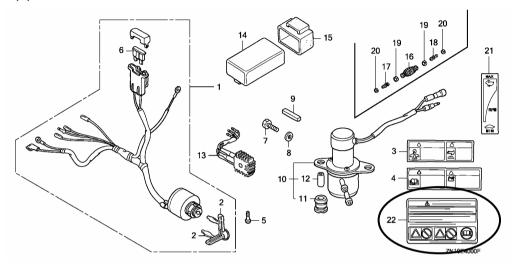
E-18	3 16851-Z6G-003	TUBE, FUEL (FKM)	1 -	16851-ZN1-000
	4 16855-Z6C-841	TUBE COMP. B, FUEL (FKM)	1 -	16852-ZJ1-840
	12	CLIP, TUBE (B8)	0 -	95002-02080
	13 95002-02100	CLIP, TUBE (B10)	1 -	95002-02100
	15	CLIP, TUBE (C11)	0 -	95002–70000
	16	CLIP, TUBE (B10)	0 -	95002-02100
	17 95003-25015-20	TUBE, VINYL, 9X11X150 (95003-25001-10M)	1 -	
	18 95002-40800-08	CLAMP, TUBE (D8)	1 -	
	19 95002-40850-08	CLAMP, TUBE (D8.5)	1 -	
	20 95002-41000-08	CLAMP, TUBE (D10)	2 -	
E-20	1 30500-ZJ1-845	COIL ASSY., IGNITION	1 -	30500-ZJ1-844

B00KNo.: 13ZN10E4

Block No.	Ref. No.	Part No.	Description	Reqd. QTY	Base Part No.	Parts catalogue code
				GX670 (1) (2)		
	3	30550-ZJ1-845	COIL ASSY., IGNITION	1 -	30550-ZJ1-844	
	6	31740-ZJ1-862	DIODE ASSY., ENGINE STOP	1 -	31740-ZJ1-861	
	12	31630-ZJ1-802	COIL ASSY., CHARGE (12V/20A) .	1 -	31630-ZJ1-801	
E-21	3	31200-ZJ1-842	MOTOR ASSY., STARTER	1 -	31200-ZJ1-841	
	5	31204-ZJ1-H02	SWITCH ASSY., MAGNET	1 -	31204-ZJ1-H01	
	17	31234-ZJ1-H02	COVER, TERMINAL	1 -	31234-ZJ1-H01	
E-22	2	16500-ZJ1-851	CONTROL ASSY	1 -	16500-ZJ1-850	
	8	16570-ZJ1-851	ARM COMP., CONTROL	1 -	16570-ZJ1-850	
E-23	3	31620-ZG5-033	RECTIFIER ASSY., REGULATOR (20A)	1 -	31620-ZG5-013	
	6	32340-Z6D-832	BOX ASSY., CONTROL	1 -	32340-ZJ1-842	
	10	35100-ZJ1-842	SWITCH ASSY., COMBINATION	1 -	35100-ZJ1-841	
	13	87529-Z4S-820	MARK, CONTROL BOX (EXP)	1 -	87529-ZE2-861	
	20	94001-04390-0S	NUT, HEX., 4MM	1 -	94001-04080-0S	
E-28	1		EMBLEM (24.0)	0 -	87101-ZN1-010	
	2		LABEL, SPECIFICATION (GX670) .	0 -	87152-ZN1-010	
	4		MARK, OIL ALERT (EXTERNAL)	0 -	87532-ZH8-810	
	5	87532-ZH7-800	MARK, THROTTLE INDICATION	1 -	87532-ZJ1-840	
	15	87516-Z0D-800	MARK, OPERATOR CAUTION	1 -		
	17	87101-ZN1-020	EMBLEM (GX670)	1 -		

5	5.6			Reqd. QTY	
Block No.	Ref.	Part No.	Description	Base Part No.	Parts catalogue code
NO.	No.		·	GX670 (1) (2)	, and the second

E-40 COMBINATION SWITCH/FUEL PUMP (1)



E-40 22 87516-ZH7-800 MARK, OPERATOR CAUTION (FRENCH) (MADE IN JAPAN) 1



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		031

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
E-23	3	L	31620-ZG5-023	RECTIFIER ASSY., REGULATOR (20A)	1 -	1055309 1055743	BXC/A, TAF5/A, TDW1, TW1, VAY
		T	31620-ZG5-033		1 -		TXW1
					1 -	1055744	BXC/A, TAF5/A, TDW1, TW1, VAY



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[P	GX670 GX670 PROPANE ENGINE]
NEWS NO.		032

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
E-8	1	L	13010-ZJ1-841	RING SET, PISTON (STD.) (NIPPON)	2 2		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					2 -	1055984	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 2	1015825	VXC/A, VXC2/A
		L	13011-ZJ1-841	RING SET, PISTON (0.25) (NIPPON)	(2) (2)		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					(2) -	1055984	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015825	VXC/A, VXC2/A

B00KNo.:13ZN10E4

Block	Ref.				Reqd. QTY		
No.	No.	Note	Part No.	Description	GX670 (1) (2)	Serial N o.	Parts catalogue code
		L	13012-ZJ1-841	RING SET, PISTON (0.50) (NIPPON)	(2) (2)		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					(2) –	1055984	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015825	VXC/A, VXC2/A
		L	13013-ZJ1-841	RING SET, PISTON (0.75) (NIPPON)	(2) (2)		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					(2) –	1055984	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015825	VXC/A, VXC2/A
		T	13010-Z5H-004	RING SET, PISTON (STD.) (TEIKOKU)	2 -		TXW1
					2 -	1055985	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 2	1015826	VXC/A, VXC2/A
		T	13011-Z5H-004	RING SET, PISTON (0.25) (TEIKOKU)	(2) –		TXW1
					(2) –	1055985	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015826	VXC/A, VXC2/A
		T	13012-Z5H-004	RING SET, PISTON (0.50) (TEIKOKU)	(2) –		TXW1
					(2) –	1055985	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015826	VXC/A, VXC2/A
		T	13013-Z5H-004	RING SET, PISTON (0.75) (TEIKOKU)	(2) –		TXW1
					(2) –	1055985	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY

300KNo. : 132					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
					- (2)	1015826	VXC/A, VXC2/A
	2	L	13101-ZN1-000	PISTON (STD.)	2 2		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					2 -	1055984	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 2	1015825	VXC/A, VXC2/A
		L	13102-ZN1-000	PISTON (0.25)	(2) (2)		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					(2) –	1055984	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015825	VXC/A, VXC2/A
		L	13103-ZN1-000	PISTON (0.50)	(2) (2)		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					(2) –	1055984	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015825	VXC/A, VXC2/A
		L	13104-ZN1-000	PISTON (0.75)	(2) (2)		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					(2) –	1055984	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015825	VXC/A, VXC2/A
		T	13101-ZN1-010	PISTON (STD.)	2 -		TXW1
					2 -	1055985	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 2	1015826	VXC/A, VXC2/A

B00KNo.:13ZN10E4

					Reqd. QTY		
Block No.	Ref. N o.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
		T	13102-ZN1-010	PISTON (0.25)	(2) -		TXW1
					(2) –	1055985	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015826	VXC/A, VXC2/A
		T	13103-ZN1-010	PISTON (0.50)	(2) –		TXW1
					(2) –	1055985	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015826	VXC/A, VXC2/A
		T	13104-ZN1-010	PISTON (0.75)	(2) –		TXW1
					(2) –	1055985	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- (2)	1015826	VXC/A, VXC2/A
E-9	10	L	14730-ZJ1-841	LIFTER ASSY., VALVE	1 1		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A VXC, VXC2, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1055847	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 1	1015824	VXC/A, VXC2/A
		T	14730-ZJ1-842		1 -		TXW1
					1 -	1055848	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TW1, TXF3/A, VAY
					- 1	1015825	VXC/A, VXC2/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		033

					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
E-3	9	L	35480-ZJ1-841	SWITCH ASSY., OIL LEVEL	1 1		BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A, TWF6, TWF6/A, TXA2 TXA2/A, TXF, TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A TXF7, TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VXC2, VXE1 VXE1/A, VXE2, VXE2/A, VXE4/A
					1 -	1056057	BXC/A, TXF3/A
					- 1	1015208	VXC2/A
		T	35480-ZJ1-842		1 -		TXW1
					1 -	1056058	BXC/A, TXF3/A
					- 1	1015209	VXC2/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		034

	D (Reqd. QTY		
Block No.	Ref. N o.	Note	Part No.	Description	GX670	Serial No.	Parts catalogue code
-					(1) (2)		
E-28	11	T	87114-ZH7-000	LABEL, WARNING			
				(NOT CERTIFIED FOR SALE)	1 -		BXC/A, TAB/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TXF3/A, TXW1, VAY
					1 -	1037552	BXC, TAB, TAF5, TAX1, TXF3



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		035

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
E-3	1		12000-ZN1-409	BARREL ASSY., CYLINDER	- 1		VXC2
					- 1	1015825	VXC2/A
			12000-ZN1-405		1 -		BAF/A, BDW/A, TAB, TAB/A, TAF/A, TDW/A, VAB2, VAB2/A
					1 -	1056009	TDW1, TKW, TKW1, VAY
					1 -	1005630	BAF, BDW, TAF, TDW
					1 -	1005630 1009898	TAF5
		L	12000-ZN1-406		1 -		BXC, BXF/A, BXF5/A, BXF9/A, TWF6, TWF6/A, TXA2, TXA2/A, TXF/A TXF2/A, TXF4/A, TXF5/A, TXF7, TXF7/A, TXF8/A, TXF9/A, TXW, TXW/A VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1056057	BXC/A, TXF3/A
					1 -	1005760	BXF, BXF5, BXF9, TXF, TXF2, TXF3, TXF4, TXF5, TXF8, TXF9
			12000-ZN1-407		1 -	1055983	TAF5/A, TW1
					1 -	1009899	TAF5
					- 1		VXC/A

Block	Ref.				Reqd. QTY			
No.	No.	Note	Part No.	Description	tion Serial No. GX670 (1) (2)		Parts catalogue code	
					- 1	1002312	VXC	
		Α	12000-ZN1-419		- 1	1015826	VXC2/A	
		Α	12000-ZN1-415		1 -	1056010	TDW1, TKW, TKW1, VAY	
		T	12000-ZN1-416		1 -		TXW1	
					1 -	1056058	BXC/A, TXF3/A	
		A	12000-ZN1-417		1 -	1055984	TAF5/A, TW1	
E-12	9	L	34150-ZJ1-842	ALERT UNIT, OIL	1 -		BXF/A, BXF5/A, BXF9/A, TWF6/A, TXA2/A, TXF/A, TXF2/A, TXF4/A TXF5/A, TXF7/A, TXF8/A, TXF9/A, TXW/A, VXE1/A, VXE2/A, VXE4/A	
					1 -	1056057	BXC/A, TXF3/A	
					1 -	1038699	BXC, BXF, BXF5, BXF9, TWF6, TXA2, TXF, TXF2, TXF3, TXF4, TXF5, TXF7 TXF8, TXF9, TXW, VXE1, VXE2, VXE4	
					- 1	1015208	VXC2/A	
					- 1	1005666	VXC2	
		T	34150-ZJ1-843		1 -		TXW1	
					1 -	1056058	BXC/A, TXF3/A	
					- 1	1015209	VXC2/A	
E-22	2	T	16500-ZJ1-850	CONTROL ASSY	1 -		BAF, BXC, BXF, TAF, TAX1, TWF6, TXA2, TXF, TXF2, TXF4, TXF7, TXF8, TXI	
		T	16500-ZJ1-851		1 -		BAF/A, BXC/A, BXF/A, TAF/A, TAX1/A, TKW, TKW1, TWF6/A, TXA2/A TXF/A, TXF2/A, TXF4/A, TXF7/A, TXF8/A, TXW/A, TXW1, VAY	
	8	T	16570-ZJ1-850	ARM COMP., CONTROL	1 -		BAF, BXC, BXF, TAF, TAX1, TWF6, TXA2, TXF, TXF2, TXF4, TXF7, TXF8, TX	
		T	16570-ZJ1-851		1 -		BAF/A, BXC/A, BXF/A, TAF/A, TAX1/A, TKW, TKW1, TWF6/A, TXA2/A TXF/A, TXF2/A, TXF4/A, TXF7/A, TXF8/A, TXW/A, TXW1, VAY	



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

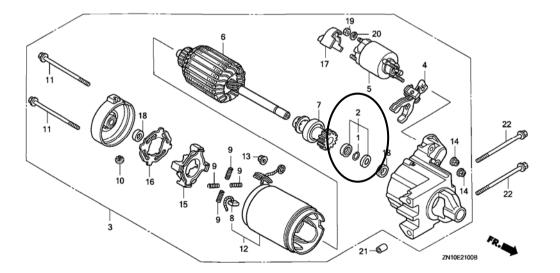
CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[P	GX670 GX670 ROPANE ENGINE]
NEWS NO.		036

Printed in Japan

					Reqd. QTY	
Block No.	Ret.	Note	Part No.	Description	Serial No.	Parts catalogue code
NO.	NO.				GX670 (1) (2)	

E-21 STARTER MOTOR

ILLUSTRATION CORRECTED





Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		037

Dlask	D-f				Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670	Serial N o.	Parts catalogue code
	- 1		10000 781 407	DADDEL ACCV OVI INDED	(1) (2)	1055000	TAFF /A TW4
E-3	ı	L	12000-ZN1-407	BARREL ASSY., CYLINDER	1 -	1055983	TAF5/A, TW1
					1 -	1009899	TAF5
					- 1	1016257	VXC/A
					- 1	1002312	VXC
		T	12000-ZN1-417		1 -	1055984	TAF5/A, TW1
					- 1	1016258	VXC/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		038

		_					
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
E-18	3		16851-Z6G-003	TUBE, FUEL (FKM)	1 -	1056542	TXW1
		Α	16851-Z6G-013		1 -	1056543	TXW1
	4		16855-Z6C-841	TUBE COMP. B, FUEL (FKM)	1 -	1056542	TXW1
		Α	16855-Z6C-842		1 -	1056543	TXW1



Honda Motor Co., Ltd. Service Division

	ODE NO.	BOOKLET TYPE	13ZN10E4
	ODE NO.	MICRO- FICHE	13ZN10ED/FD
CA	PARTS TALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
N	EWS NO.		039

Printed in Japan

GX670-TWD type sales information

NOTE: This Parts Catalogue News explains only the parts of the different model that are produced to conform to addition of the GX670-TWD type.

As for the parts not listed on this Parts Catalogue News, use the parts of the GX670-TAF5/A type.

Models,parts catalogue codes and applicable serial numbers

Model	Туре		Parts catalogue type	Applicable engine serial No.	Applicable carburetor identification No.
GX670	TAF5	Base type	TAF5/A	GCAM-1050001~	BK01A A/B
(1)	TWD	Additional type	TWD	GCAINI-103000113	BK01C C

• Features of eacl	n type	Base type	Additional type
	Model	GX67	70 (1)
Specifications	Туре	TAF5	TWD
	28.575mm Ø Straight	•	•
Crankshaft	36.5mm Ø Straight		
Clankshait	5/16" Ø Tapered		
	3/8" Ø Tapered		
Air cleaner	Standard	•	•
All Cleaner	Snorkel		
Muffler	High-R		
iviulliei	High-L	•	•
Oil alert			
Recoil starter			
Oil cooler		•	•
Control box			
Winter kit			

5001110. 1102				Reqd. QTY		
Block No.	Ref. N o.	Part No.	Description	GX670	Base Part No.	Parts catalogue code
E-6	1	11300-ZJ1-853	COVER ASSY., CRANKCASE	1 -	11300-ZJ1-843	
E-14	1		TUBE, BREATHER	0 -	12357-ZJ1-840	
	2		CLIP, BREATHER TUBE	0 -	15772-551-000	
	3		GASKET SET	0 -	16010-ZN1-801	
	4		VALVE SET, FLOAT	0 -	16011-ZN1-801	
	5		FLOAT SET	0 -	16013-ZN1-801	
	6		CHAMBER SET, FLOAT	0 -	16015-ZN1-801	
	8		SCREW SET, THROTTLE	0 -	16028-ZN1-801	
	9		SCREW, PAN, 4X12	0 -	93500-04012-1H	
	10		CARBURETOR ASSY. (BK01A B)	0 -	16100-ZN1-802	
	13		TUBE, DRAIN	0 -	16198-ZJ1-840	
	14		VALVE ASSY., SOLENOID (KEIHIN)	0 -	16200-ZN1-801	
	15		INSULATOR, CARBURETOR	0 -	16211-ZN1-000	
	16		PACKING, CARBURETOR	0 -	16221-ZN1-000	
	17		ELBOW, MANIFOLD	0 -	17103-ZN1-010	
	18		PACKING, AIR CLEANER	0 -	17228-ZN1-000	
	19		COLLAR A, AIR CLEANER	0 -	17238-ZJ4-830	
	20		ELBOW COMP., AIR CLEANER	0 -	17410-ZN1-000	
	22		NUT, INSERT, 6MM	0 -	90314-ZJ1-840	
	23		CLIP B, CABLE (9MM BLACK)	0 -	90682-959-661	
	24		CLIP, PURSE LOCK	0 -	91402-ZJ1-841	
	26		CLIP, TUBE (B8)	0 -	95002-02080	
	27		BOLT, FLANGE, 6X30	0 -	95701-06030-00	
	28		BOLT, FLANGE, 6X65	0 -	95701-06065-00	

50011110. 1102				Reqd. QTY		
Block No.	Ref. No.	Part No.	Description	GX670	Base Part No.	Parts catalogue code
	29		BOLT, FLANGE, 6X90	(1) (2) 0 -	95801-06090-08	
	32		BOLT, FLANGE, 6X90	0 -	95801-06090-08	
	33		SCREW SET, PILOT	0 -	16016-ZN1-801	
	34		CAP, CHOKE DUST	0 -	16148-141-881	
	35		NOZZLE, MAIN	0 -	16166-ZN1-801	
	36		WASHER, PLAIN	0 -	16178-ZN1-801	
	37		JET SET, PILOT, #40	0 -	99204-ZE2-0400	
	38		JET, MAIN, #90	(0) -	99101-ZH8-0900	
			JET, MAIN, #95	(0) -	99101-ZH8-0950	
			JET, MAIN, #100	0 -	99101-ZH8-1000	
	39		JET, MAIN, #90	(0) -	99101-ZH8-0900	
			JET, MAIN, #95	(0) -	99101-ZH8-0950	
			JET, MAIN, #100	0 -	99101-ZH8-1000	
	41		ARM, THROTTLE LINKAGE	0 -	16126-ZJ1-841	
	42		FILTER ASSY., AIR VENT	(0) -	16140-ZN1-004	
	43		SCREW SET, DRAIN	0 -	16024-124-760	
E-14-2	1	12357-ZJ1-840	TUBE, BREATHER	1 -		
	2	15772-551-000	CLIP, BREATHER TUBE	1 -		
	3	16010-ZN1-H01	GASKET SET	1 -		
	4	16011-ZN1-801	VALVE SET, FLOAT	1 -		
	5	16013-ZN1-801	FLOAT SET	1 -		
	6	16015-ZN1-H01	CHAMBER SET, FLOAT	1 -		
	7	16016-ZN1-801	SCREW SET, PILOT	2 -		
	9	16028-ZN1-801	SCREW SET, THROTTLE	1 -		

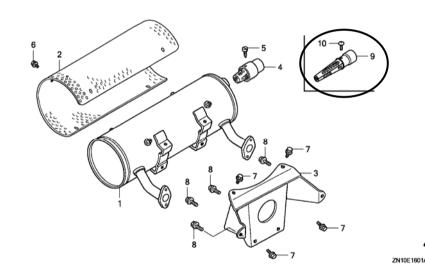
01410 1021	IIIOLI			Reqd. QTY			
Block No.	Ref. No.	Part No.	Description	GX670 (1) (2)	Base Part No.	Parts catalogue code	
	10	16100-ZN1-H06	CARBURETOR ASSY. (BK01C C)	1 -			
	11	16148-141-881	CAP, CHOKE DUST	1 -			
	12	16166-ZN1-801	NOZZLE, MAIN	2 –			
	13	16178-ZN1-801	WASHER, PLAIN	1 -			
	15	16200-ZN1-801	VALVE ASSY., SOLENOID (KEIHIN)	1 -			
	16	16211-ZN1-000	INSULATOR, CARBURETOR	1 -			
	17	16221-ZN1-000	PACKING, CARBURETOR	3 -			
	18	17103-ZN1-010	ELBOW, MANIFOLD	1 -			
	19	17228-ZN1-000	PACKING, AIR CLEANER	1 -			
	20	17238-ZJ4-830	COLLAR A, AIR CLEANER	4 –			
	21	17410-ZN1-000	ELBOW COMP., AIR CLEANER	1 -			
	22	90314-ZJ1-840	NUT, INSERT, 6MM	2 -			
	23	90682-959-661	CLIP B, CABLE (9MM BLACK)	1 -			
	24	91402-ZJ1-841	CLIP, PURSE LOCK	1 -			
	25	93500-04012-1H	SCREW, PAN, 4X12	4 –			
	27	95701-06030-00	BOLT, FLANGE, 6X30	2 -			
	28	95701-06065-00	BOLT, FLANGE, 6X65	1 -			
	29	95801-06090-08	BOLT, FLANGE, 6X90	4 –			
	30	99101-ZH8-0900	JET, MAIN, #90	(1) -			
		99101-ZH8-0950	JET, MAIN, #95	(1) -			
		99101-ZH8-1000	JET, MAIN, #100	1 -			
	31	99101-ZH8-0900	JET, MAIN, #90	(1) -			
		99101-ZH8-0950	JET, MAIN, #95	(1) -			
		99101-ZH8-1000	JET, MAIN, #100	1 -			

B00KNo.:13ZN10E4

				Reqd. QTY		
Block No.	Ref. No.	Part No.	Description	GX670 (1) (2)	Base Part No.	Parts catalogue code
	32	99204-ZE2-0400	JET SET, PILOT, #40	2 -		
	33	16126-ZJ1-841	ARM, THROTTLE LINKAGE	1 -		
	34	95001-45500-50	HOSE, FUEL, 4.5X500 (95001-45001-50M)	1 -		
	35	95002-40850-08	CLAMP, TUBE (D8.5)	1 -		
	36	95003-36010-20	TUBE, VINYL, 11X13X100 (95003-36001-10M)	1 -		
	37	16140-ZN1-004	FILTER ASSY., AIR VENT	(1) -		

E-16-1 MUFFLER (HIGH-L)

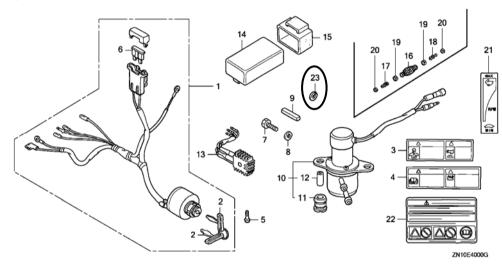
10 1	MOTTLEN (III C)			
Ref. (Relative ref. Number) No. LON Description				
4 3131A1	(9) ARRESTER, SPARK ·····	0. 1		



E-16-1	1	18310-ZJ1-802	MUFFLER COMP. (HIGH-L)	1	-	18310-ZN1-802
	2	18321-ZJ1-000	PROTECTOR, MUFFLER (HIGH)	1	_	18321-ZN1-003
	3	18338-ZJ1-000	STAY, MUFFLER (HIGH)	1	-	18338-ZJ1-841
	4		ARRESTER, SPARK	(0)	_	18355-ZN1-003
	5		SCREW, (NELSON)	(0)	_	90009-ZJ1-801

D	ъ.			Reqd. QTY		
Block No.	Ref. No.	Part No.	Description	GX670	Base Part No.	Parts catalogue code
				(1) (2)		
	9	18355-ZJ1-000	ARRESTER, SPARK	(1) –		
	10	90050-ZE1-000	SCREW, TAPPING, 5X8	(1) -		
E-28	2		LABEL, SPECIFICATION (GX670) .	0 -	87152-ZN1-010	

E-40 COMBINATION SWITCH/FUEL PUMP (1)

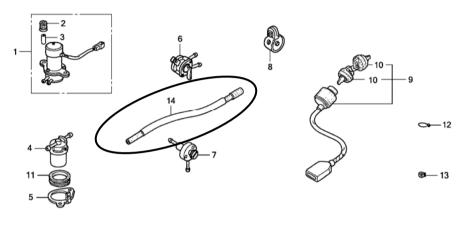


E-40	1	SWITCH ASSY., COMBINATION	0 -	35100-ZJ1-842
	2	KEY COMP	0 –	35111-880-013
	6	FUSE, BLADE (25A)	0 –	98200-32500
	7 90003-ZE2-000	BOLT, HEX. (7/16-20UNF)	1 -	
	23 94111-04800	WASHER, SPRING, 4MM	10 –	

B00KNo.:13ZN10E4

				Reqd. QTY	
Block No.	Ket.	Part No.	Description	Base Part No.	Parts catalogue code
NO.	No.		•	GX670 (1) (2)	-

E-40-2 COMBINATION SWITCH/FUEL PUMP (2)



ZN10E4002A

E-40-2	4	16900-SA5-004	STRAINER COMP., FUEL (TOYO ROKI)	1	-
	5	16914-ZW1-000	STAY, FUEL STRAINER	1	-
	6	16950-797-A01	COCK ASSY., FUEL	1	-
	7	16980-797-A01	SCREW COMP., FUEL DRAIN	1	-
	9	35100-766-013	SWITCH ASSY., COMBINATION	1	-
	10	35110-736-612	KEY ASSY., COMBINATION SWITCH (BLACK)	2	_
	11	40146-ZV5-000	GROMMET, FUEL STRAINER	1	-
	13	95002-40850-08	CLAMP, TUBE (D8.5)	1	-
	14	16850-797-A00	TUBE COMP. A, FUEL	1	_



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		040

Block	Pof				Reqd. QTY			
No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code	
E-16-1	1	L	18310-ZN1-802	MUFFLER COMP. (HIGH-L)	1 -		TW1, TXF7, TXF7/A, TXF8/A	
					1 -	1056805	TAF5/A, TXF3/A, TXW1	
					1 -	1005577	TAF5, TXF3, TXF8	
					(1) -		BAF/A, BDW/A, BXC, BXF/A, BXF5/A, BXF9/A, TAF/A, TAX1, TDW/A, TWF6 TWF6/A, TXF/A, TXF4/A, TXF5/A, TXF9/A, TXW, TXW/A, VXE1, VXE1/A VXE2, VXE2/A, VXE4, VXE4/A	
					(1) -	1056805	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY	
					(1) -	1005577	BAF, BDW, BXF, BXF5, BXF9, TAF, TDW, TXF, TXF4, TXF5, TXF9	
					- (1)			
		T	18310-ZJ1-802		1 -		TWD	
					1 -	1056806	TAF5/A, TXF3/A, TXW1	
					(1) -	1056806	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY	
	2	L	18321-ZN1-003	PROTECTOR, MUFFLER	1 -		TAF5, TW1, TXF3, TXF7, TXF7/A, TXF8, TXF8/A	
					1 -	1056805	TAF5/A, TXF3/A, TXW1	

	ъ.				Reqd. QTY			
lock No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Seria	l No.	Parts catalogue code
					(1) -			BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/TAF, TAF/A, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF4 TXF4/A, TXF5, TXF5/A, TXF9, TXF9/A, TXW, TXW/A, VXE1, VXE1/A, VXE VXE2/A, VXE4, VXE4/A
					(1) –		1056805	BXG/A, TAX1/A, TDW1, TKW, TKW1, VAY
					- (1)			
		T	18321-ZJ1-000	PROTECTOR, MUFFLER (HIGH)	1 -			TWD
					1 -	1056806		TAF5/A, TXF3/A, TXW1
					(1) -	1056806		BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
	3	L	18338-ZJ1-841	STAY, MUFFLER (HIGH)	1 -			TAF5, TW1, TXF3, TXF7, TXF7/A, TXF8, TXF8/A
					1 -		1056805	TAF5/A, TXF3/A, TXW1
					(1) -			BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9, TAF, TAF/A, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF4 TXF4/A, TXF5, TXF5/A, TXF9, TXF9/A, TXW, TXW/A, VXE1, VXE1/A, VXI VXE2/A, VXE4, VXE4/A
					(1) -		1056805	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
					- (1)			
		T	18338-ZJ1-000		1 -			TWD
					1 -	1056806		TAF5/A, TXF3/A, TXW1
					(1) -	1056806		BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
	4	L	18355-ZN1-003	ARRESTER, SPARK	(1) -			BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VXE1, VXE1/A, VXIVXE2/A, VXE4, VXE4/A
					(1) -		1056805	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TXF3/A, TXW1, VAY
					- (1)			

B00KNo.: 13ZN10E4

					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
	5	L	90009-ZJ1-801	SCREW (NELSON)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF2 TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
					(1) -	1056805	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TXF3/A, TXW1, VAY
					- (1)		
	9	T	18355-ZJ1-000	ARRESTER, SPARK	(1) -		TWD
					(1) -	1056806	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TXF3/A, TXW1, VAY
	10	T	90050-ZE1-000	SCREW, TAPPING, 5X8	(1) -		TWD
					(1) -	1056806	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TXF3/A, TXW1, VAY



HONDA PARTS CATALOGUE NEWS

Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

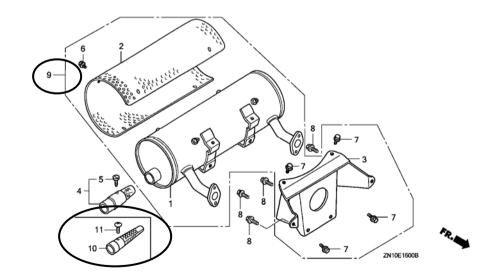
CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[PI	GX670 GX670 ROPANE ENGINE]
NEWS NO.		041

Printed in Japan

					Reqd. QTY	
Block No.	Ref. No.	Note	Part No.	Description	Serial No.	Parts catalogue code
					GX670	

E-16 MUFFLER (HIGH-R)

Ref. No.	LON	(Relative ref. Number) Description	FRT
4	3131A1	(10) ARRESTER, SPARK ·····	0. 1
9	313103	MUFFLER ASSEMBLY, EXHAUST	0.6



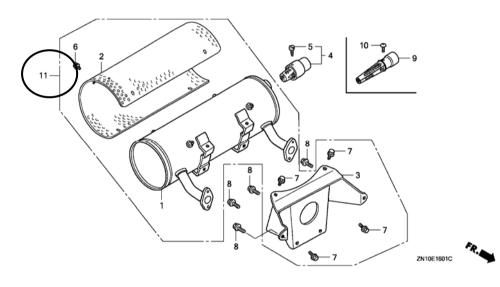
DI. I	р.				Reqd. QTY			
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code	
- 16	1	D	18310-ZJ1-004	MUFFLER COMP. (HIGH-R) (FUTABA) (SILVER MUFFLER) (FOR SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF6 TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A	
				(FOR SILVER MUFFLER)	- (1)			
		Z	18310-ZN1-003	MUFFLER COMP. (HIGH-R) (NELSON) (BLACK MUFFLER) (FOR BLACK MUFFLER)	(1) –		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF6 TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A	
				(FOR BLACK MUFFLER)	- (1)			
	2	D	18321-ZJ1-000	PROTECTOR, MUFFLER (HIGH) (FUTABA) (FOR SILVER MUFFLER)	(1) –		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF6 TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A	
				(FOR SILVER MUFFLER)	- (1)			
		Z	18321-ZN1-003	PROTECTOR, MUFFLER (HIGH) (NELSON) (FOR BLACK MUFFLER)	(1) –		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF6 TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A	
				(FOR BLACK MUFFLER)	- (1)			
	3	D	18338-ZJ1-000	STAY, MUFFLER (HIGH) (FOR SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF6 TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A	
				(FOR SILVER MUFFLER)	- (1)			

Block	Ref.				Reqd. QTY		
No.	No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
		Z	18338-ZJ1-841	(FOR BLACK MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF6 TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF5 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
				(FOR BLACK MUFFLER)	- (1)		
	4	Z	18355-ZN1-003	ARRESTER, SPARK (FOR BLACK MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF TWF6/A, TXA2, TXA2/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF TXF5/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAB2, VAB2/VAY, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
				(FOR BLACK MUFFLER)	- (1)		
	5	Z	90009-ZJ1-801	SCREW (NELSON) (FOR BLACK MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF TWF6/A, TXA2, TXA2/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF TXF5/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAB2, VAB2/ VAY, VXE1, VXE1/A, VXE2, VXE2/A, VXE4/ VXE4/A
				(FOR BLACK MUFFLER)	- (1)		
	9	D	18300-ZJ1-880	MUFFLER ASSY. (HIGH-R) (FUTABA) (SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
					- (1)		
	10	D	18355-ZJ1-000	ARRESTER, SPARK (FOR SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TW1 TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
				(FOR SILVER MUFFLER)	- (1)		

	ъ.				Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	04070	Serial No.	Parts catalogue code
					GX670 (1) (2)		
	11	D	93901-250J0	SCREW, TAPPING, 5X8 (FOR SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF6 TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4/A, TXF4/A, TXF5, TXF5/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
				(FOR SILVER MUFFLER)	- (1)		

E-16-1 MUFFLER (HIGH-L)

-	16-	ı	(Relative ref. Number) Description						
	Ref. No.	LON							
	11	313103	MUFFLER ASSEMBLY, EXHAUST ····	0. 6					



E-16	-1	1	Z	18310-ZN1-801	MUFFLER COMP. (HIGH-L) (NELSON) (FOR BLACK MUFFLER)	1	-		1005576	TAF5, TXF3, TXF8
					(FOR BLACK MUFFLER)	(1)	-		1005576	BAF, BDW, BXF, BXF5, BXF9, TAF, TDW, TXF, TXF4, TXF5, TXF9
			Z	18310-ZN1-802	(FOR BLACK MUFFLER)	1				TW1, TXF7, TXF7/A, TXF8/A
					(FOR BLACK MUFFLER)	1	-		1056805	TAF5/A, TXF3/A, TXW1
					(FOR BLACK MUFFLER)	1	_	1005577		TAF5, TXF3, TXF8

	NIUE4				Reqd. QTY		
lock No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
				(FOR BLACK MUFFLER)	(1) (2) (1) –		BAF/A, BDW/A, BXC, BXF/A, BXF5/A, BXF9/A, TAF/A, TAX1, TDW/A, TWF TWF6/A, TXF/A, TXF4/A, TXF5/A, TXF9/A, TXW, TXW/A, VXE1, VXE1/A VXE2, VXE2/A, VXE4, VXE4/A
				(FOR BLACK MUFFLER)	(1) -	1056805	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
				(FOR BLACK MUFFLER)	(1) -	1005577	BAF, BDW, BXF, BXF5, BXF9, TAF, TDW, TXF, TXF4, TXF5, TXF9
				(FOR BLACK MUFFLER)	- (1)		
		T	18310-ZJ1-802	MUFFLER COMP. (HIGH-L) (FUTABA)	1 -		TWD
				(FOR SILVER MUFFLER)	1 -		TAF5, TAF5/A, TW1, TXF3, TXF3/A, TXF7, TXF7/A, TXF8, TXF8/A, TXW
				(FOR SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF5 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TW1 TWF6/A, TXF, TXF/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF9, TXF9/A, TXI TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
				(FOR SILVER MUFFLER)	- (1)		
	2	Z	18321-ZN1-003	PROTECTOR, MUFFLER (HIGH)			
				(NELSON) (FOR BLACK MUFFLER)	1 -		TAF5, TW1, TXF3, TXF7, TXF7/A, TXF8, TXF8/A
				(FOR BLACK MUFFLER)	1 -	1056805	TAF5/A, TXF3/A, TXW1
				(FOR BLACK MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9 TAF, TAF/A, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF4 TXF4/A, TXF5, TXF5/A, TXF9, TXF9/A, TXW, TXW/A, VXE1, VXE1/A, VX VXE2/A, VXE4, VXE4/A
				(FOR BLACK MUFFLER)	(1) -	1056805	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
				(FOR BLACK MUFFLER)	- (1)		
		T	18321-ZJ1-000	PROTECTOR, MUFFLER (HIGH) (FUTABA)	1 -		TWD
				(FOR SILVER MUFFLER)	1 -		TAF5, TAF5/A, TW1, TXF3, TXF3/A, TXF7, TXF7/A, TXF8, TXF8/A, TXW
				(FOR SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TW TWF6/A, TXF, TXF/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF9, TXF9/A, TX TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
				(FOR SILVER MUFFLER)	- (1)		

DUUNNO 13ZI					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
	3	Z	18338-ZJ1-841	STAY, MUFFLER (HIGH) (FOR BLACK MUFFLER)	1 -		TAF5, TW1, TXF3, TXF7, TXF7/A, TXF8, TXF8/A
				(FOR BLACK MUFFLER)	1 -	1056805	TAF5/A, TXF3/A, TXW1
				(FOR BLACK MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAF, TAF/A, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF4 TXF4/A, TXF5, TXF5/A, TXF9, TXF9/A, TXW, TXW/A, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
				(FOR BLACK MUFFLER)	(1) -	1056805	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
				(FOR BLACK MUFFLER)	- (1)		
		T	18338-ZJ1-000		1 -		TWD
				(FOR SILVER MUFFLER)	1 -		TAF5, TAF5/A, TW1, TXF3, TXF3/A, TXF7, TXF7/A, TXF8, TXF8/A, TXW1
				(FOR SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF6 TWF6/A, TXF, TXF/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF9, TXF9/A, TXW TXW/A, VAY, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
				(FOR SILVER MUFFLER)	- (1)		
	4	Z	18355-ZN1-003	ARRESTER, SPARK (FOR BLACK MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF2 TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
				(FOR BLACK MUFFLER)	(1) -	1056805	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TXF3/A, TXW1, VAY
				(FOR BLACK MUFFLER)	- (1)		
	5	Z	90009-ZJ1-801	SCREW (NELSON) (FOR BLACK MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF2 TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
				(FOR BLACK MUFFLER)	(1) –	1056805	BXC/A, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TXF3/A, TXW1, VAY
				(FOR BLACK MUFFLER)	- (1)		

Block	Ref.				Reqd. QTY		
No.	No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
	9	T	18355-ZJ1-000	ARRESTER, SPARK (FOR SILVER MUFFLER)	1 -		TAF5, TW1, TXF3, TXF7, TXF7/A, TXF8, TXF8/A
					(1) -		TWD
				(FOR SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9/A, TAF, TAF/A, TAF5/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF3/A, TXF4, TXF4/A, TXF5, TXF5, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2, VXE2/A VXE4, VXE4/A
				(FOR SILVER MUFFLER)	- (1)		
	10	E	90050-ZE1-000	*PARTS NO. DELETION			
		D	93901-250J0	SCREW, TAPPING, 5X8 (FOR SILVER MUFFLER)	1 -		TAF5, TW1, TXF3, TXF7, TXF7/A, TXF8, TXF8/A
					(1) -		TWD
				(FOR SILVER MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF BXF9/A, TAF, TAF/A, TAF5/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF3/A, TXF4, TXF4/A, TXF5, TXF5 TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2, VXE2/A VXE4, VXE4/A
				(FOR SILVER MUFFLER)	- (1)		
	11	D	18300-ZJ1-890	MUFFLER ASSY. (HIGH-L)(FUTABA) (SILVER MUFFLER)	1 -		TAF5, TW1, TXF3, TXF7, TXF7/A, TXF8, TXF8/A
					1 -	1056805	TAF5/A, TXF3/A, TXW1
					(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9 TAF, TAF/A, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF4 TXF4/A, TXF5, TXF5/A, TXF9, TXF9/A, TXW, TXW/A, VXE1, VXE1/A, VX VXE2/A, VXE4, VXE4/A
					(1) -	1056805	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
					- (1)		



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		042

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial N o.	Parts catalogue code
E-16	1	Z	18310-ZN1-003	MUFFLER COMP. (HIGH-R) (NELSON) (BLACK MUFFLER) (SHIFT18300-ZJ1-880)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A, BXF9 BXF9/A, TAF, TAF/A, TAX1, TAX1/A, TDW, TDW/A, TDW1, TKW, TKW1, TWF6 TWF6/A, TXF, TXF/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, TXW1, VAY, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
				(SHIFT18300-ZJ1-880)	- (1)		
E-16-1	1	Z	18310-ZN1-801	MUFFLER COMP. (HIGH-L) (NELSON) (BLACK MUFFLER) (SHIFT18300-ZJ1-890)	1 -	1005576	TAF5. TXF3. TXF8
				(SHIFT18300-ZJ1-890)	(1) -	1005576	BAF, BDW, BXF, BXF5, BXF9, TAF, TDW, TXF, TXF4, TXF5, TXF9
		Z	18310-ZN1-802	(SHIFT18300-ZJ1-890)	1 -		TW1, TXF7, TXF7/A, TXF8/A
				(SHIFT18300-ZJ1-890)	1 -	1056805	TAF5/A, TXF3/A, TXW1
				(SHIFT18300-ZJ1-890)	1 -	1005577	TAF5, TXF3, TXF8
				(SHIFT18300-ZJ1-890)	(1) -		BAF/A, BDW/A, BXC, BXF/A, BXF5/A, BXF9/A, TAF/A, TAX1, TDW/A, TWF6 TWF6/A, TXF/A, TXF4/A, TXF5/A, TXF9/A, TXW, TXW/A, VXE1, VXE1/A VXE2, VXE2/A, VXE4, VXE4/A

B00KNo.:13ZN10E4

5					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description		Serial No.	Parts catalogue code
NO.	NO.				GX670 (1) (2)		
'-				(SHIFT18300-ZJ1-890)	(1) -	1056805	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
				(SHIFT18300-ZJ1-890)	(1) -	1005577	BAF, BDW, BXF, BXF5, BXF9, TAF, TDW, TXF, TXF4, TXF5, TXF9
				(SHIFT18300-ZJ1-890)	- (1)		



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		043

	D (Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
E-15-1	11		17251-ZJ1-850	TUBE, AIR CLEANER CONNECTING .	1 -		TXA2, TXA2/A
					1 -	1055179 1757040	TW1
		Α	17251-ZJ1-851		1 -	1757041	TW1



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		044

	ъ.				Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description		Serial No.	Parts catalogue code
	110.				GX670 (1) (2)		
E-28	11	D	87114-ZH7-821	LABEL, WARNING			
				(NOT CERTIFIED FOR SALE)	- 1	1016387	VXC/A, VXC2/A



Honda Motor Co., Ltd. Service Division

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		045

Printed in Japan

GX670-BAFH, TAFH, VAYH and VXEH types sales information

NOTE: This Parts Catalogue News explains only the parts of the different model that are produced to conform to addition of the GX670-BAFH, TAFH, VAYH and VXEH types.

As for the parts not listed on this Parts Catalogue News, use the parts of the GX670-BAF/A,TAF/A,VAY and VXE1/A types.

• Models, parts catalogue codes and applicable serial numbers

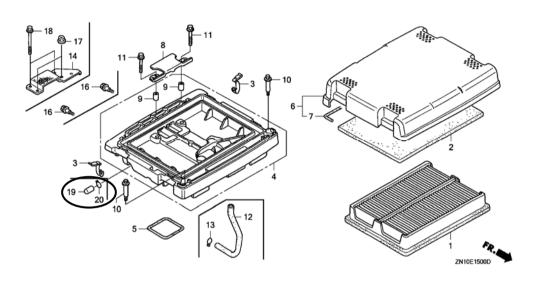
Model	Туре		Parts catalogue type	Applicable engine serial No.	Applicable carburetor identification No.
	BAF	Base type	BAF/A	GCAM-1050001~ 9999999	BK01A A
	BAFH	Additional type	BAFH	GCAM-1050001~	BK01A B
	TAF	Base type	TAF/A	GCAM-1050001~ 9999999	BK01A A
GX670	TAFH	Additional type	TAFH		
0,070	VAY	Base type	VAY	GCAM-1050001~	BK01A B
	VAYH	Additional type	VAYH		
	VXE1	Base type	VXE1/A	GCAM-1050001~ 9999999	BK01B B
	VXEH	Additional type	VXEH	GCAM-1050001~	BK01B C/D

• Features of	each type	Base type	Additional type	Base type	Additional type	Base type	Additional type	Base type	Additional type		
	Model	GX670									
Specifications	Туре	BAF	BAFH	TAF	TAFH	VAY	VAYH	VXE1	VXEH		
	28.575mm Ø Straight			•	•						
Crankahaft	36.5mm Ø Straight	•	•								
Crankshaft	5/16" Ø Tapered					•	•	•	•		
	3/8" Ø Tapered										
Air alagnar	Standard	•	•	•	•	•	•	•	•		
Air cleaner	Snorkel										
Muffler	High-R	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)		
iviuillei	High-L	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)		
Oil alert								•	•		
Recoil starter											
Oil cooler		•	•	•	•	•	•	•	•		
Control box		•	•	•	•	•	•	•	•		
Winter kit											

DI I				Reqd	. QTY			
Block No.	Ref. No.	Part No.	Description	GX67	70 (2)	Base Part No.	Parts catalogue code	
E-3	1	12000-ZN1-415	BARREL ASSY., CYLINDER	1		12000-ZN1-405	BAFH, TAFH	
		12000-ZN1-416		1	-	12000-ZN1-406	VXEH	
	9	35480-ZJ1-842	SWITCH ASSY., OIL LEVEL	1	-	35480-ZJ1-841	VXEH	
	10	35490-Z6D-003	SWITCH ASSY., OIL PRESSURE	1	-	37240-ZG5-004	BAFH, TAFH	
	11	90002-ZW2-F01	SCREW-WASHER, 4X8	1	-	90002-ZG5-004	BAFH, TAFH	
E-8	1	13010-Z5H-004	RING SET, PISTON (STD.) (TEIKOKU)	2	_	13010-ZJ1-841	BAFH, TAFH, VXEH	
		13011-Z5H-004	RING SET, PISTON (0.25) (TEIKOKU)	(2)	_	13011-ZJ1-841	BAFH, TAFH, VXEH	
		13012-Z5H-004	RING SET, PISTON (0.50) (TEIKOKU)	(2)	-	13012-ZJ1-841	BAFH, TAFH, VXEH	
		13013-Z5H-004	RING SET, PISTON (0.75) (TEIKOKU)	(2)	_	13013-ZJ1-841	BAFH, TAFH, VXEH	
	2	13101-ZN1-010	PISTON (STD.)	2	-	13101-ZN1-000	BAFH, TAFH, VXEH	
		13102-ZN1-010	PISTON (0.25)	(2)	-	13102-ZN1-000	BAFH, TAFH, VXEH	
		13103-ZN1-010	PISTON (0.50)	(2)	-	13103-ZN1-000	BAFH, TAFH, VXEH	
		13104-ZN1-010	PISTON (0.75)	(2)	-	13104-ZN1-000	BAFH, TAFH, VXEH	
E-9	10	14730-ZJ1-842	LIFTER ASSY., VALVE	1	-	14730-ZJ1-841	BAFH, TAFH, VXEH	
E-12	3		COVER, FAN *NH1*BLACK	0	_	19611-ZJ1-840ZA	BAFH, TAFH, VXEH	
	9	34150-ZJ1-843	ALERT UNIT, OIL	1	-	34150-ZJ1-842	VXEH	
E-14	10	16100-ZN1-802	CARBURETOR ASSY. (BK01A B)	1	-	16100-ZN1-801	BAFH, TAFH	
		16100-ZN1-813	CARBURETOR ASSY. (BK01B C/D) .	1	-	16100-ZN1-812	VXEH	
	42	16140-ZN1-004	FILTER ASSY., AIR VENT	(1)	-		BAFH, TAFH, VXEH	

D	D 6			Reqd. QTY		
Block I No.	Ref.	Part No.	Description	Base Part No.	Parts catalogue code	
NO.	NO.			GX670 (1) (2)		

E-15 AIR CLEANER (STANDARD)



E-15	4 17220-Z6G-000	CASE COMP., AIR CLEANER	1 -	17220-ZN1-000	BAFH, TAFH, VXEH
	19 90634-ZL8-H00	CAP, SEALING	1 -		BAFH, TAFH, VXEH
	20 95002-02100	CLIP, TUBE (B10)	1 -		BAFH, TAFH, VXEH
E-16	1	MUFFLER COMP. (HIGH-R) (NELSON) (BLACK MUFFLER) (SHIFT18300-ZJ1-880)	(0) -	18310-ZN1-003	
	2	PROTECTOR, MUFFLER (HIGH) (NELSON) (FOR BLACK MUFFLER)	(0) -	18321-ZN1-003	
	3	STAY, MUFFLER (HIGH) (FOR BLACK MUFFLER)	(0) -	18338-ZJ1-841	
	4	ARRESTER, SPARK (FOR BLACK MUFFLER)	(0) -	18355-ZN1-003	
	5	SCREW (NELSON) (FOR BLACK MUFFLER)	(0) –	90009-ZJ1-801	

DI ank				Reqd. QTY		
Block No.	Ref. No.	Part No.	Description	GX670 (1) (2)	Base Part No.	Parts catalogue code
E-16-1	1		MUFFLER COMP. (HIGH-L) (NELSON)	(1) (2)	18310-ZN1-802	
			(BLACK MUFFLER) (SHIFT18300-ZJ1-890)	(0) -		BAFH, TAFH, VXEH
	2		PROTECTOR, MUFFLER (HIGH)		18321-ZN1-003	
			(NELSON) (FOR BLACK MUFFLER)	(0) -		BAFH, TAFH, VXEH
	3		STAY, MUFFLER (HIGH) (FOR BLACK MUFFLER)	(0) -	18338-ZJ1-841	BAFH, TAFH, VXEH
	4		ARRESTER, SPARK (FOR BLACK MUFFLER)	(0) -	18355-ZN1-003	BAFH, TAFH, VXEH
	5		SCREW (NELSON) (FOR BLACK MUFFLER)	(0) -	90009-ZJ1-801	BAFH, TAFH, VXEH
	11	18300-ZJ1-890	MUFFLER ASSY. (HIGH-L) (FUTABA) (SILVER MUFFLER)	(1) -		VAYH
E-18	17	95003-25015-20	TUBE, VINYL, 9X11X150 (95003-25001-10M)	1 -		BAFH, TAFH, VXEH
E-19	5	31110-ZJ1-850	FLYWHEEL COMP	1 -	31110-ZJ1-840	VXEH
E-20	1	30500-ZJ1-845	COIL ASSY., IGNITION	1 -	30500-ZJ1-844	BAFH, TAFH, VXEH
	3	30550-ZJ1-845	COIL ASSY., IGNITION	1 -	30550-ZJ1-844	BAFH, TAFH, VXEH
	5	31630-ZJ1-013	COIL ASSY., CHARGE (12V/3A)	1 -		VXEH
	6	31740-ZJ1-862	DIODE ASSY., ENGINE STOP	1 -	31740-ZJ1-861	BAFH, TAFH, VXEH
	9	90014-ZE6-000	BOLT, FLANGE, 6X35(CT200)	2 -		VXEH
	12		COIL ASSY., CHARGE (12V/20A) .	0 -	31630-ZJ1-801	VXEH
		31630-ZJ1-802		1 -	31630-ZJ1-801	BAFH, TAFH
	13		BOLT, FLANGE, 6X32 (CT200)	0 -	90031-ZE1-000	VXEH
E-21	3	31200-ZJ1-842	MOTOR ASSY., STARTER	1 -	31200-ZJ1-841	BAFH, TAFH, VXEH
	5	31204-ZJ1-H02	SWITCH ASSY., MAGNET	1 -	31204-ZJ1-H01	BAFH, TAFH, VXEH
	17	31234-ZJ1-H02	COVER, TERMINAL	1 -	31234-ZJ1-H01	BAFH, TAFH, VXEH
E-22-2	4	16550-ZN1-000	ARM COMP., GOVERNOR	1 -		VXEH

B00KNo.: 13ZN10E4

11004			Req	ld. QTY			
Ref. N o.	Part No.	Description	GX	(670	Base Part No.	Parts catalogue code	
18		ARM, GOVERNOR			16551-ZJ1-840	VXEH	
1	36337-ZJ1-840	PLATE, SOLENOID	1	_		VXEH	
2	36350-ZN1-003	SOLENOID ASSY., ROTARY	1	-		VXEH	
3	90202-ZJ1-840	NUT, SPECIAL CAP	2	-		VXEH	
4	90654-SA4-003	CLIP, WIRE HARNESS, 6MM(WHITE)	2	-		VXEH	
5	90686-459-711	PURSE, LOCK, 8MM	2	-		VXEH	
3		RECTIFIER ASSY., REGULATOR (20A)	0	_	31620-ZG5-013	VXEH	
	31620-ZG5-033		1	-	31620-ZG5-013	BAFH, TAFH	
5		HARNESS ASSY., SUB WIRE	0	-	32105-ZJ1-800	VXEH	
6	32340-Z6D-832	BOX ASSY., CONTROL	1	-	32340-ZJ1-842	BAFH, TAFH, VXEH	
10	35100-ZJ1-842	SWITCH ASSY., COMBINATION	1	-	35100-ZJ1-841		
13	87529-Z4S-820	MARK, CONTROL BOX (EXP)	1	-	87529-ZE2-861	BAFH, TAFH, VXEH	
20	94001-04390-0\$	NUT, HEX., 4MM	1	-	94001-04080-0S	BAFH, TAFH, VXEH	
25	31710-ZJ1-812	RECTIFIER ASSY. (10A)	1	-		VXEH	
26	95701-06032-00	BOLT, FLANGE, 6X32	1	-		VXEH	
1		EMBLEM (24.0)	0	_	87101-ZN1-010	BAFH, TAFH, VXEH	
2		LABEL, SPECIFICATION (GX670) .	0	-	87152-ZN1-010	BAFH, TAFH, VXEH	
4		MARK, OIL ALERT (ENGLISH)	0	-	87532-ZH8-810	VXEH	
5	87532-ZH7-800	MARK, THROTTLE INDICATION	1	-	87532-ZJ1-840	BAFH, TAFH	
11	87114-ZH7-000	LABEL, WARNING (NOT CERTIFIED FOR SALE)	1	-		BAFH, TAFH, VXEH	
15	87516-ZK6-000	MARK, OPERATOR CAUTION	1	-			
17	87101-ZN1-020	EMBLEM (GX670)	1	-		BAFH, TAFH, VXEH	
	Ref. No. 18 1 2 3 4 5 3 5 6 10 13 20 25 26 1 2 4 5 11 15	Ref. No. Part No. 18 1	Ref. No. Part No. Description 18 ARM, GOVERNOR 1 36337-ZJ1-840 PLATE, SOLENOID 2 36350-ZN1-003 SOLENOID ASSY., ROTARY 3 90202-ZJ1-840 NUT, SPECIAL CAP 4 90654-SA4-003 CLIP, WIRE HARNESS, 6MM (WHITE) 5 90686-459-711 PURSE, LOCK, 8MM 3 RECTIFIER ASSY., REGULATOR (20A) 31620-ZG5-033 5 HARNESS ASSY., SUB WIRE 6 32340-Z6D-832 BOX ASSY., CONTROL 10 35100-ZJ1-842 SWITCH ASSY., COMBINATION 13 87529-Z4S-820 MARK, CONTROL BOX (EXP) 20 94001-04390-0S NUT, HEX., 4MM 25 31710-ZJ1-812 RECTIFIER ASSY. (10A) 26 95701-06032-00 BOLT, FLANGE, 6X32 1 EMBLEM (24.0) 2 LABEL, SPECIFICATION (GX670) 4 MARK, OIL ALERT (ENGLISH) 5 87532-ZH7-800 MARK, THROTTLE INDICATION 11 87114-ZH7-000 LABEL, WARNING (NOT CERTIFIED FOR S	Ref. No. Part No. Description Rec (3) 18 ARM, GOVERNOR 0 1 36337-ZJ1-840 PLATE, SOLENOID 1 2 36350-ZN1-003 SOLENOID ASSY., ROTARY 1 3 90202-ZJ1-840 NUT, SPECIAL CAP 2 4 90654-SA4-003 CLIP, WIRE HARNESS, 6MM (WHITE) 2 5 90686-459-711 PURSE, LOCK, 8MM 2 3 RECTIFIER ASSY., REGULATOR (20A) 0 31620-ZG5-033 1 0 4 HARNESS ASSY., SUB WIRE 0 6 32340-Z6D-832 BOX ASSY., CONTROL 1 10 35100-ZJ1-842 SWITCH ASSY., COMBINATION 1 13 87529-Z4S-820 MARK, CONTROL BOX (EXP) 1 20 94001-04390-0S NUT, HEX., 4MM 1 25 31710-ZJ1-812 RECTIFIER ASSY. (10A) 1 26 95701-06032-00 BOLT, FLANGE, 6X32 1 1 EMBLEM (24.0) 0 2 LABEL, SPECIFICAT	Ref. No. Part No. Description Reqd. QTY	Ref. No. Part No. Description Red. 0TY (0.2) Base Part No. 18 ARM. GOVERNOR 0 - 0 - 16551-ZJI-840 1 36337-ZJI-840 PLATE, SOLENOID 1 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	Part No. Description



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		046

	ъ.				Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670	Serial No.	Parts catalogue code
					(1) (2)		
E-3	1		12000-ZN1-Q01	BARREL ASSY., CYLINDER	1 -	1056192	TAX1/A
					1 -	1018014	TAX1
		Α	12000-ZN1-Q02		1 -	1056193	TAX1/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[PI	GX670 GX670 ROPANE ENGINE]
NEWS NO.		047

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
E-11	1		28400-ZE3-W01ZP	STARTER ASSY., RECOIL *R280*POWER RED	1 -		TAX1
					1 -	1057444	TAX1/A
		Α	28400-ZE3-W02ZP	*R280*	1 -	1057445	TAX1/A
	9		28461-ZE2-W02	GRIP, STARTER	1 -		TAX1
					1 -	1057444	TAX1/A
		Α	28461-ZE2-W03		1 -	1057445	TAX1/A
E-15	6		17230-ZJ1-840	COVER ASSY., AIR CLEANER	1 -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAB, TAB/A, TAF, TAF/A, TAF5, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF TXF/A, TXF2, TXF2/A, TXF3, TXF4, TXF4/A, TXF5, TXF5/A, TXF7 TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
					1 -	1055178	TW1
					1 -	1057737	BAFH, BXC/A, TAFH, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TWD, TXF3/A TXW1, VAY, VAYH, VXEH
		A	17230-ZJ1-841		1 -	1057738	BAFH, BXC/A, TAFH, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TWD, TXF3/A TXW1, VAY, VAYH, VXEH

B00KNo.:13ZN10E4

DI I	ъ.				Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description		Serial No.	Parts catalogue code
110.	110.				GX670 (1) (2)		
			17230-ZN1-820		- 1		VXC, VXC2
					- 1	1016546	VXC/A, VXC2/A
		Α	17230-ZN1-821		- 1	1016547	VXC/A, VXC2/A
E-28	11	T	87114-ZH7-000	LABEL, WARNING (NOT CERTIFIED FOR SALE)	1 -		BAFH, BXC/A, TAB/A, TAFH, TAF5/A, TAX1/A, TDW1, TKW, TKW1, TWD TXF3/A, TXW1, VAY, VAYH, VXEH
					1 -	1037552	BXC, TAB, TAF5, TAX1, TXF3
					1 -	1057725	TW1



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[P	GX670 GX670 ROPANE ENGINE]
NEWS NO.		048

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY GX670 (1) (2)	Serial No.	Parts catalogue code
E-18	3	T	16851-ZN1-000	TUBE, FUEL	1 -		BAF, BAF/A, BAFH, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A BXF9, BXF9/A, TAB, TAB/A, TAF, TAF/A, TAFH, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXA2, TXA2/A, TXF, TXF/A TXF2, TXF2/A, TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7 TXF7/A, TXF8, TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VAY VAYH, VXEH, VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1009898	TAF5
					1 -	1057441	TXW1
		L	16851-Z6G-013	TUBE, FUEL (FKM)	1 -	1056543 1057440	TXW1
	4	Т	16852-ZJ1-840	TUBE B, FUEL	1 -		BAF, BAF/A, BAFH, BDW, BDW/A, BXC, BXC/A, BXF, BXF/A, BXF5, BXF5/A BXF9, BXF9/A, TAB, TAB/A, TAF, TAF/A, TAFH, TAX1, TAX1/A, TDW TDW/A, TDW1, TKW, TKW1, TWF6, TWF6/A, TXF, TXF/A, TXF2, TXF2/A TXF3, TXF3/A, TXF4, TXF4/A, TXF5, TXF5/A, TXF7, TXF7/A, TXF8 TXF8/A, TXF9, TXF9/A, TXW, TXW/A, VAB2, VAB2/A, VAY, VAYH, VXEH VXE1, VXE1/A, VXE2, VXE2/A, VXE4, VXE4/A
					1 -	1009898	TAF5
					1 -	1057441	TXW1
		L	16855-Z6C-842	TUBE COMP. B, FUEL (FKM)	1 -	1056543 1057440	TXW1

B00KNo.: 13ZN10E4

- DI I	ъ.				Reqd. QTY		
Block No.	Ref. N No.	lote	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
E-28	4		87532-ZH8-810	MARK, OIL ALERT (ENGLISH)	1 1		BXC, BXC/A, BXF, BXF/A, TWF6, TWF6/A, TXA2, TXA2/A, TXF, TXF/A TXF2, TXF2/A, TXF7, TXF7/A, TXF8, TXF8/A, TXW, TXW/A, VXC2, VXE1 VXE1/A, VXE2, VXE2/A
					- 1	1016258	VXC2/A
		Α	87530-ZL8-850		- 1	1016259	VXC2/A



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		049

Block No.	Ref. No.	Note	Part No.	Description	GX67	d. QTY	Seria	l No.	Parts catalogue code
-16-1	1	L	18310-ZN1-802	MUFFLER COMP. (HIGH-L) (NELSON) (BLACK MUFFLER) (SHIFT18300-ZJ1-890)	1	-			TXF7, TXF7/A, TXF8/A
				(SHIFT18300-ZJ1-890)	1	-		1056805	TAF5/A, TXF3/A, TXW1
				(SHIFT18300-ZJ1-890)	1	-		1057724	TW1
				(SHIFT18300-ZJ1-890)	1	-	1005577		TAF5, TXF3, TXF8
				(SHIFT18300-ZJ1-890)	(1)	-			BAF/A, BDW/A, BXC, BXF/A, BXF5/A, BXF9/A, TAF/A, TAX1, TDW/A, TWF6 TWF6/A, TXF/A, TXF4/A, TXF5/A, TXF9/A, TXW, TXW/A, VXE1, VXE1/A VXE2, VXE2/A, VXE4, VXE4/A
				(SHIFT18300-ZJ1-890)	(1)	-		1056805	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
				(SHIFT18300-ZJ1-890)	(1)	-	1005577		BAF, BDW, BXF, BXF5, BXF9, TAF, TDW, TXF, TXF4, TXF5, TXF9
				(SHIFT18300-ZJ1-890)	-	(1)			
	2	D	18321-ZJ1-010	PROTECTOR, MUFFLER (HIGH) (FUTABA)	1	_	1057725		TW1
	3	L	18338-ZJ1-841	STAY, MUFFLER (HIGH) (FOR BLACK MUFFLER)	1	_			TAF5, TXF3, TXF7, TXF7/A, TXF8, TXF8/A

B00KNo.: 13ZN10E4

·					Reqd. QTY		
Block No.	Ref. No.	Note	Part No.	Description	GX670 (1) (2)	Serial No.	Parts catalogue code
				(FOR BLACK MUFFLER)	1 -	1056805	TAF5/A, TXF3/A, TXW1
				(FOR BLACK MUFFLER)	1 -	1057724	TW1
				(FOR BLACK MUFFLER)	(1) -		BAF, BAF/A, BDW, BDW/A, BXC, BXF, BXF/A, BXF5, BXF5/A, BXF9, BXF9/A TAF, TAF/A, TAX1, TDW, TDW/A, TWF6, TWF6/A, TXF, TXF/A, TXF4 TXF4/A, TXF5, TXF5/A, TXF9, TXF9/A, TXW, TXW/A, VXE1, VXE1/A, VXE2 VXE2/A, VXE4, VXE4/A
				(FOR BLACK MUFFLER)	(1) -	1056805	BXC/A, TAX1/A, TDW1, TKW, TKW1, VAY
				(FOR BLACK MUFFLER)	- (1)		
	11	D	18300-ZJ1-891	MUFFLER ASSY. (HIGH-L)	1 -	1057725	TW1



Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

CODE NO.	BOOKLET TYPE	13ZN10E4
CODE NO.	MICRO- FICHE	13ZN10ED/FD
PARTS CATALOGUE NEWS	[F	GX670 GX670 PROPANE ENGINE]
NEWS NO.		050

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
E-28	4		87532-ZH8-000	MARK, OIL ALERT	1 -		TXF3
					1 -	1054716	TXF3/A
		L	87532-ZH8-810	MARK, OIL ALERT (ENGLISH)	1 1		BXC, BXF, BXF/A, TWF6, TWF6/A, TXA2, TXA2/A, TXF, TXF/A, TXF2 TXF2/A, TXF7, TXF7/A, TXF8, TXF8/A, TXW, TXW/A, VXC2, VXE1, VXE1/A VXE2, VXE2/A
					1 -	1054718	BXC/A
					- 1	1016258	VXC2/A
		Α	87530-ZL8-810	MARK, OIL ALERT	1 -	1054717	TXF3/A
		T	87530-ZL8-850	MARK, OIL ALERT (ENGLISH)	1 -	1054719	BXC/A
					- 1	1016259	VXC2/A

For Additional Information, Contact:

ENGINE DISTRIBUTORS SERVICE BULLETIN



GX610K1 • GX620K1 • GX670 GXV610K1 • GXV620K1 • GXV670 LOW OIL PRESSURE

SYMPTOM

After the engine reaches operating temperature, oil pressure may drop below 5 psi at idle. In applications where a low oil pressure light is used, the light may come on at idle. This symptom usually happens within the first 5 hours of operation.

If an affected unit has the described symptom, proceed with the *Corrective Action*.

AFFECTED UNITS

Model	Serial Number Range
GX610K1	GCAC-2000001 ~ 2060145
GX620K1	GCAD-2000001 ~ 2160012
GX620K1	GDABM-1000001 ~ 1001648
GX670	GCAM-1000001 ~ 1050042
GX670	GDACM-1000001 ~ 1010162
GXV610K1	GJAC-2000001 ~ 2020045
GXV620K1	GJAD-2000001~ 2040294
GXV670	GJAH-1000001 ~ 1020001



Improper seal between the oil pump cover and the engine side cover causes a reduction in oil pressure.



NEW

CORRECTIVE ACTION

The oil pump cover does not effectively seal with the engine side cover; this prevents the oil pump from priming, or causes a reduction in oil pressure. At high engine temperatures, the poor seal allows the oil pressure to bleed off. Affected units with the described symptom should first be inspected to determine if the problem is the result of inadequate maintenance. Proceed to the next page for inspection procedures.

CONSUMER INFORMATION: The information in this service bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely service and repair your Honda engine. These procedures should not be attempted by "do-it-yourselfers," and you should not assume that this bulletin applies to your engine, or that your engine has the condition described. To determine whether this information applies, contact an authorized Honda engine dealer.

OVERHEAD-VALVE ENGINE #37 REVISED FEBRUARY 2007

INSPECTION

Perform the following checks:

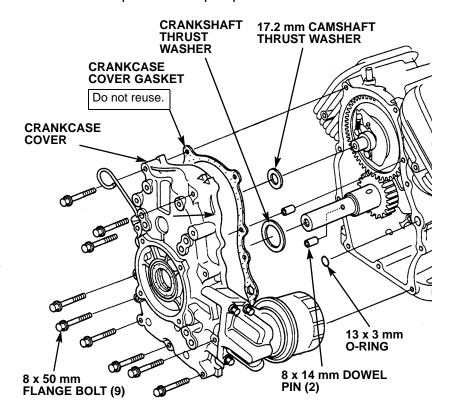
- Inspect the air cleaner, recoil cover, and oil cooler (GX/GXV670) to see if it is packed with dirt or debris.
- Verify that the condition of the oil is consistent with normal maintenance.
- Ensure that oil was present in the engine by looking for oil traces on engine internal components.
- Verify that no foreign objects were ingested into the engine.
- Check the carburetor and intake track for traces of dirt that indicate the engine may have been operated without a functioning air filter.
- Inspect the governor mechanism for tampering or indications that the engine may have operated above its rated speed.

If any of the above signs are present, the engine is not eligible for warranty repair under this bulletin. Once an engine passes all the above checks, it can be repaired. Inspect the engine for other signs of damage and replace any damaged parts as needed. Replace the oil pump as described below.

PROCEDURE

- **1.** Drain the engine oil and dispose of used oil properly.
- **2.** Remove the engine from the OEM piece of equipment (as necessary).
- 3. Rotate the engine to bring the #1 cylinder to TDC (on the left when facing the engine PTO).
- **4.** Remove the nine 8 x 50 mm flange bolts and the crankcase cover.

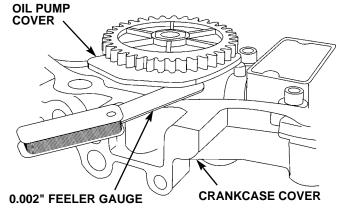
The oil cooler mounting bolts may have to be loosened to remove the case cover (if applicable).



OIL PUMP INSPECTION

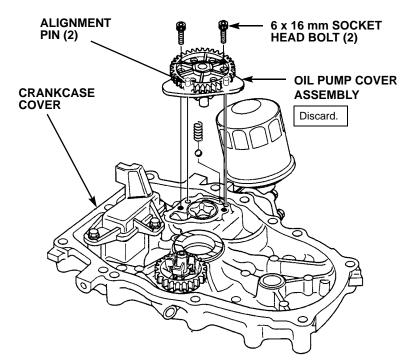
Inspect for a gap between the oil pump cover and oil pump case using a 0.002" feeler gauge.

- If a 0.002" (0.05 mm) feeler gauge fits between the oil pump cover and the crankcase cover, proceed to the REPLACEMENT section (next page).
- If the feeler gauge does not slide between the two surfaces, this bulletin is not applicable.

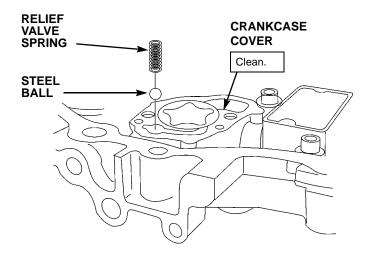


REPLACEMENT

- Remove the two 6 x 16 mm socket head bolts and remove the oil pump cover assembly, steel ball, and the relief valve spring.
- Discard the oil pump cover assembly. The old oil pump is not suitable for use.



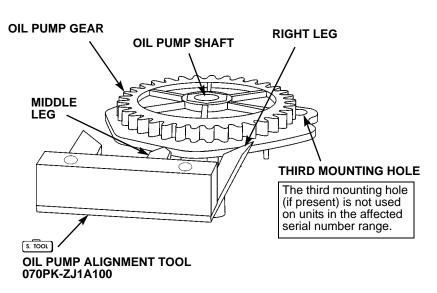
- **3.** Clean the pump contact surface of the crankcase cover.
- **4.** Install the steel ball and the relief valve spring in the crankcase cover as shown.



5. Position the oil pump alignment tool (see page 7) between the oil pump gear and the oil pump cover as shown so that the oil pump cover bolt holes are visible.

The oil pump shaft should be between the middle and right legs of the special tool.

A third mounting hole may be present on new oil pump cover assemblies. The third mounting hole is not used on units in the affected serial number range.



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- **6.** Install the cover by aligning the two oil pump cover assembly alignment pins with the two holes in the crankcase cover.
 - Rotate the oil pump gear until the oil pump inner rotor aligns with the oil pump outer rotor.
 - The oil pump cover should fit snugly over the housing before the bolts are installed. Realign the oil pump cover as needed to obtain proper fit.
 - Visually check to make sure the dowel pins are properly engaged and that no gap exists between the pump cover and the oil pump housing. Do not use the bolts to close large gaps between the cover and housing.
- **7.** Loosely install the two 6 x 16 mm socket head bolts.

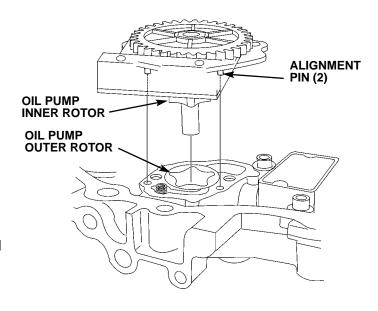
A third mounting hole may be present on new oil pump cover assemblies. The third mounting hole is not used on units in the affected serial number range.

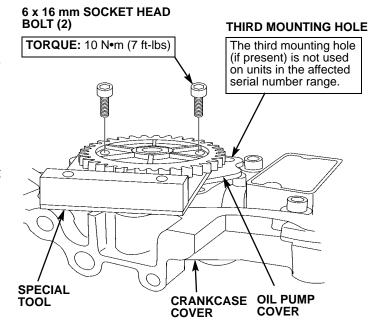
8. Tighten the two 6 x 16 mm socket head bolts to the specified torque, and ensure the pump cover remains in position against the crankcase cover.

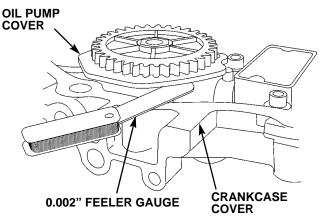
TORQUE: 10 N•m (7 ft-lbs)

9. Remove the special tool.

10. Check the clearance between the oil pump cover and the crankcase cover using a 0.002" (0.05 mm) feeler gauge. No gap should be present.





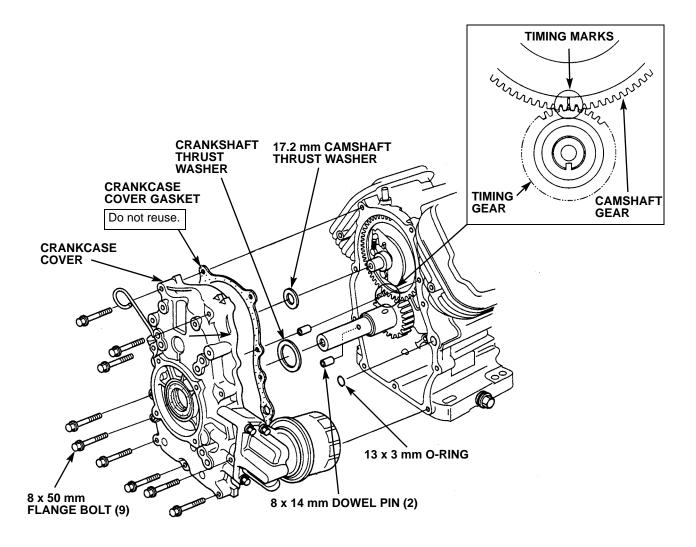


- 11. Thoroughly clean the crankcase cover and crankcase mating surfaces of all gasket material.
- **12.** Reassemble the engine in the reverse order of disassembly.

Be sure to:

- Install the crankshaft thrust washer over the crankshaft.
- Install the 17.2 mm camshaft thrust washer over the camshaft.
- Install the two 8 x 14 mm dowel pins in the crankcase.
- Install the 13 x 3 mm O-ring on the crankcase.
- Align the timing marks.
- Use a new crankcase cover gasket and install it over the two 8 x 14 mm dowel pins.
- Take care not to damage the crankshaft seal when installing the crankcase cover.
- Rotate the crankshaft back and forth to get the governor and oil pump gears to engage the crankshaft timing gear.

Do not apply excessive force when installing the case cover. Use the palm of your hand and tap from side to seat the crankcase cover to the crankcase.



13. Set the nine 8 x 50 mm flange bolts in place, and then tighten them in a crisscross pattern shown to the specified torque.

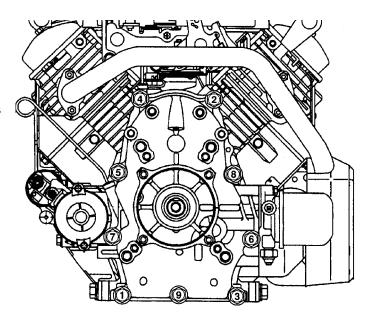
TORQUE: 27 N•m (20 ft-lb)

14. Fill the engine with 10W-30 oil until it reaches the upper mark on the dipstick.

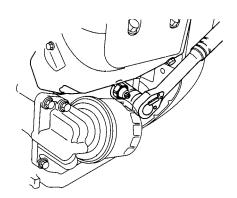
APPROXIMATE REFILL CAPACITY:

1.1 ℓ (1.16 qt) without a new oil filter

1.4 ℓ (1.48 qt) with a new oil filter



15. Remove the oil pressure sending unit (or sealing plug).



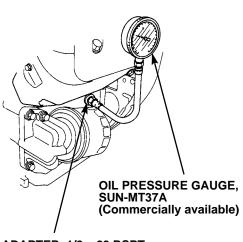
- **16.** Install an oil pressure gauge (commercially available).
- **17.** Crank the engine and check the oil pressure rises as the engine starts. With the engine at idle, the minimum oil pressure should be 12 psi (0.84 kgf/cm²).
- **18.** Check the oil pressure at full throttle after the engine has reached operating temperature.

SPECIFIED OIL PRESSURE: 28.4 psi (2.0 kgf/cm²)

19. Stop the engine.

NEW

- 20. Remove the oil pressure gauge.
- **21.** Apply liquid sealant to the oil pressure sending unit (or sealing plug) and install it.
- 22. Start the engine and check for oil leaks.
- 23. Reinstall the engine.



ADAPTER, 1/8 x 28 BSPT, SUN-AT77AH (Commercially available)

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TOOL ORDERING INFORMATION

This service bulletin shows the following tool:

Special Tool:

Description	Tool Number	Honda Code	
Oil Pump Alignment Tool	070PK-ZJ1A100	8318081	

These tools are distinguished by the s. TOOL special tool box icon and normally start with a "07" tool number. They are available through the American Honda Parts Department and ordered by using normal American Honda Parts ordering procedures.

• Commercially Available Tools:

Tool Number	Description
SUNAT77AH	Adapter, 1/8 x 28 BSPT
SUNMT37A	Oil Pressure Gauge

These tools are distinguished by the words (commercially available). They are <u>not</u> available through the American Honda Parts Department. Most commercially available tools shown in this bulletin can be ordered through the Honda Power Equipment Tool and Equipment program by calling (888) 424-6857. Refer to the catalog for a complete tool listing.

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PARTS INFORMATION

Description		P/N	H/C
Oil pump cover assy.	1	15120-ZJ1-000	4209276
Crankcase cover gasket	1	11381-ZJ1-840	6223788

WARRANTY INFORMATION

In warranty: The normal warranty applies.

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration. Contact Tech Line or your District Service Manager. You must request consideration, and receive a decision, before starting work.

VIN Information

VIN Prefix	Affected Serial Number Range	Model
GCAC	2000001 ~ 2060145	GX610K1
GCAD	2000001 ~ 2160012	GX620K1
GDABM	1000001 ~ 1001648	GX620K1
GCAM	1000001 ~ 1050042	GX670
GDACM	1000001 ~ 1010162	GX670
GJAC	2000001 ~ 2020045	GXV610K1
GJAD	2000001~ 2040294	GXV620K1
GJAH	1000001 ~ 1020001	GXV670

Be sure the warranty claim contains the following information:

N Dealers:

- Select Service Bulletin claim type.
- Enter VIN information.
- From the Service Bulletin drop down menu, select EN037 (Engine Service Bulletin #037) for appropriate model and repair.

All others:

Defect Code: 07406 Labor Operation Number: 113200

Flat Rate Time: 0.6

Failed Part: 15120-ZJ1-000